1945 - 1946

Box 27 Folder 50

Content #16

① Receipt (for ferry crossing?) between Moralillo & Prieto
② Entry ticket for ruins at Tenayuca (MacNeish visited if Dec. 8, 1945 - see field notes - ④)
③ Tourist card for Richard S. MacNeish, Oct. 26, 1945 - see field notes ④ below - Dec. 21
④ "Daily field notes of Tamaulipas Expedition," by Richard S. MacNeish, from Nov. 17, 1945 to April 24, 1946. Includes day-by-day account —

(a) Kaskaskia site, 11/17 Canada?
(b) Havana site, 11/18-19 "
(c) Meetings w. Alex Krieger and Kenneth Orr (see Box 107, Content # 20) Nov. 22-27
(d) Theories on the "Buzzard Cult" (Spiro?)
(e) Notes on Univ. of Texas collection in Austin (relations bet. Texas & Mexico), Nov. 26
(f) Brownsville, TX - Anderson collection (see Content # 11-13 above) and sites in Cameron Cty - Nov. 30 - Dec. 1, Dec. 16 - 20
(g) Mexico City - meetings w. Martínez del Río, Palacios, Saldivar — Dec. 3 - 10 (see Box 107, correspondence folders)
(h) Pachuca - Tuxpan - Tampico - Pánuco - Dec. 10 - 11
(i) Returned to Brownsville to get permit
(j) In Tamaulipas - Dec. 22 - Apr. 24 - with descriptions of sites, including those in Cañyon Diablo

The notes include comments on weather, people's health, problems with car. Drawings & maps often mentioned, but are missing - perhaps were with original copy.

(k) Catalog for Tm^{r} 76, Tm^{r} 79, Tm^{c} 86 (1 p.)

⑤ Duplicate copy of notes for Jan. 24 - Apr. 24 & catalogue
⑥ Handwritten letter from MacNeish to Bunny Kaplan, with envelope, requesting her to type his notes

Note: Because the field notes are a carbon copy, I have interleaved archival pp.

JGL

Daily Field notes of Tamaulipas Expedition

by

Richard S. MacNeish

Nov. 17, 1945 Left Chicago about 7a.m. with Herbert Smith and carload of equipment. Arrived at Ottawa at 10:20 a.m. MacGregor arrived about eleven. Ate lunch and arrived at the site at noon. Immediately contacted Danner and the three of us walked out the site. The concentrations of sherds agreed with what Wray and I found. Later in the afternoon I discovered a child burial with see-sized blue and black and white glass beads and the usual three copper hair coils. Later went and talked to Healy. His wife had recently died so he wasn't enthusiastic about digging. However, I believe he will be willing by spring when his grief for his wife is not so overwhelming. Later returned to Danner and talked about details af excavation. Everything O.K. and we may be able to rent the ball-room at the top of his house for a laboratory. Saw Skidmore and he gossiped about Swenson. May not be able to get permission there. Then went and inspected top of Buffalo Rock - no Miami Village apparent and gravel company has obliterated much of the rock. However, there are empty barns there which may be available for bunks etc. MacGregor said he would talk to State Parks about it. Left MacGregor and Smith at 5 o'clock and drove to Havana.

Kaskaskia Site

Nov. 18.
In the morning looked at the Snicurte Slu site and found nothing. Then went on to Springfield and called MacGregor and began to go over the Havana materials. Spent much of the afternoon explaining site to MacGregor.

Nov. 19.
MacGregor had done an excellent job of analysis of the pottery and for the most part I agreed with his analysis. Also, he had a number of trade sherds that should be identified by Griffin. We then checked the sherds against the arbitrary levels in the test pits and found some interesting things. Type 3 sherds appeared only during late levels. Rocker-stamping also late. Cord-marking is predominant over smooth during early level times and the opposite obtains in late levels. Straight roulettes appeared before crescent roulettes. Thus it appears that Mn 6 is earlier than Mn 9.

Havana Site Analysis

Nov. 20-21.
Drove to Austin, Texas.

Nov. 22.
Arrived in Austin. Called Krieger and went over sequence of culture and stratigraphy in his area. Charts of his sequences and pottery types are on the next page. Of the sequences I have no doubt. It really looks as tho he has the stuff well organized and his publication should be a beauty.

Nov. 23.
Talked over more of the sequences and began a discussion of Buzzard Cult and particularly the Spiro materials. Later called Orr at Camp Walter and arranged to meet him tomorrow.

Daily Field notes of Tamaulipas Expedition

by

Richard S. MacNeish

Nov. 17, 1948 Left Chicago about 7a.m. with Herbert Smith and carload of equipment. Arrived at Ottawa at 10:30 a.m. MacGregor arrived about eleven. Ate lunch and arrived at the site at noon. Immediately contacted Danner and the three of us walked out the site. The concentrations of sherds agreed with what Tray and I found. Later in the afternoon I discovered a child burial with associated lime and black and white glass beads and the usual three copper hair coils. Later went and talked to Healy. His wife had recently died so he wasn't enthusiastic about digging. However, I believe he will be willing by spring when his grief for his wife is not so overwhelming. Later returned to Danner and talked about details of excavation. Everything O.K. and we may be able to rent the hall-room at the top of his house for a laboratory. Saw Skidmore and he gossiped about Swanson. May not be able to get permission there. Then went and inspected top of Buffalo Rock - no Miami Village apparent and gravel company has obliterated much of the rock. However, there are empty barns there which may be available for bunks etc. MacGregor said he would talk to State Parks about it. Left MacGregor and Smith at 5 o'clock and drove to Havana.

Havana Site

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Analysis

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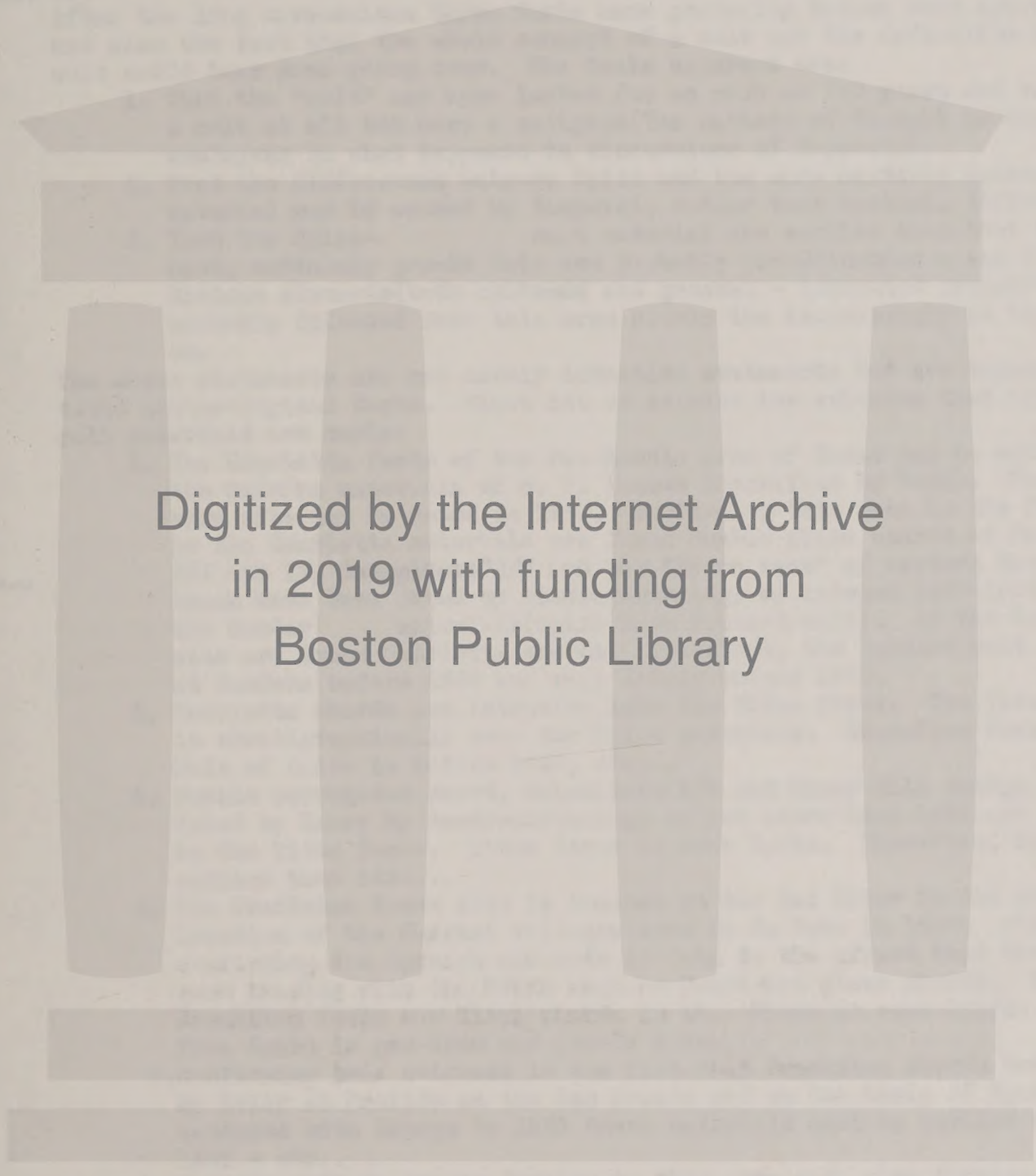

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Nov. 24.

Saw Orr and had real session about cult and sequence in Okla. and Texas and La. About now I believe I have a good grasp of the materials from this area and may be able to discuss them intelligently.

Nov. 25.

After the long discussions three facts have gradually become very apparent, and also the fact that the whole concept of a cult and the definition of a cult could bear some going over. The facts apparent are:

Buzzard Cult?

1. That the "cult" may have lasted for as much as 200 years and was not a cult at all but more a religion(The pattern of thought is completely analagous to what happened in discussions of Hopewell).
2. That the differences between Spiro and the more easterly Buzzard Cult material may be caused by temporal, rather than spatial, differences.
3. That the Spiro- cult material are earlier than that to the east, certainly pre-De Soto and probably pre-Columbian - and that the Mexican elements(both cult and general - truncated pyramids, etc.) probably filtered into this area slowly tho increasingly as time went on.

The above statements are not merely intuative statements but are based on sound archaeological facts. First let us examine the evidence that Spiro cult materials are early:

1. The Henrietta focus of the Pan-handle area of Texas may be equated with the Quivira materials of S. W. Kansas identified by Wedel. The Quivira site may be dated as 1530. Confirming this date is the fact that in the Henrietta materials are found Pueblo glaze sherds of Periods III and IV, Chupalloro B/W and the "Brown ware" of western New Mexico which have been dated by dendrochronology as between 1450-1550. Over the Sander materials(which have Buzzard cult). At the Sander site are found Henrietta sherds. Therefore, the Buzzard cult was at Sanders before 1550 and very likely before 1520.

*Chapallero

Age of Buzzard Cult.

2. Henrietta sherds are intrusive into the Titus focus. The Titus focus is stratigraphically over the Spiro materials. Therefore Buzzard Cult of Spiro is before 1550, etc...
3. Pueblo corrugated sherd, Chapallero B/W and Upper Gila smudge ware, dated by Haury by dendrochronology as not later than 1450 are found in the Titus focus. Titus focus is over Sprio. Therefore, Spiro is earlier than 1450...
4. The Frankston focus site is located on the Red River in the exact location of the Hosanai villages seen by De Soto in 1540. Also, confirming the Spanish accounts is data to the effect that the Hosanai were trading with the South such as Southwest glaze sherds. The Frankston focus has Titus sherds in it. Titus is over Spiro. Therefore Spiro is pre-1540 and pre-De Soto.
5. Confirming this evidence is the fact that Frankston sherds were found by Kelly at Presidio on the Rio Grande and on the basis of Spanish contacts with Espego in 1583 these materials must be earlier than 1583 - etc..
6. Sanders pottery shapes foreign to this area and, also foreign to the Southwest were found at Pecos(Glaze 5) - is ca. 1150. Also, at Pecos the shoulder bowl is found in the Glaze III-IV periods for the first time. Shoulder bowls and shapes are typical of and Titus foci. Thus Spiro which is under Titus probably is before 1550.
7. (After Orr). The distinctive pipes, shell and bone hoes, triangular side-notched and basal notched points of Quivira(1530) are found in the Fort Colby material which are over Spiro. Therefore, Spiro may be before 1530.

Dec. 22.

Dec Orr and Ind trail mention about cult and neptunea in Okla., and Texas and La. About now I believe I have a good grasp of the materials from this area and may be able to discuss them intelligently.

Dec. 23.

After the long discussions three facts have gradually become very apparent, and also the fact that the whole concept of a cult and the definition of a cult would bear some godng over. The facts apparent are

1. That the "cult" may have lasted for as much as 1500 years and was not a cult at all but more a religion(The pattern of thought is completely analagous to what happened in discussions of Hopewell).
2. That the difference between Ogiro and the more easterly Burnard Cult material may be caused by temporal, rather than spatial, differences.
3. That the Ogiro- cult material are earlier than that to the west, certainly pre-De Soto and probably pre-Columbian - and that the Mexican elements(both cult and general - Toltec-ized Pueblo, etc.) probably filtered into this area slowly the increasingly as time went on.

Dec. 24.

The above statements are not merely intuitive statements but are based on sound archaeological facts. Let us examine the evidence that Ogiro cult materials are earlier

1. The Harrietta focus of the Pan-handle area of Texas may be equated with the Gulving materials of S. W. Kansas identified by Wedel. The Gulview site may be dated as 1350. Confirming this date is the fact that in the Harrietta materials are found Pueblo glaze sherds of Periods III and IV, Chupadero B/W and the "Brown ware" of western New Mexico which have been dated by dendrochronology as between 1450-1550. Over the Border material(which have Burnard cult). At the Border site are found Harrietta sherds. Therefore, the Burnard cult was at Sanders before 1550 and very likely before 1350.
2. Harriette sherds are intrusive into the Titus focus. The Titus focus is stratigraphically over the Ogiro materials. Therefore Burnard Cult of Ogiro is before 1550, etc...
3. Pueblo corrugated sherd, Chupadero B/W and Upper Gila rounds were, dated by Henry by dendrochronology as not later than 1450 are found in the Titus focus. Titus focus is over Ogiro. Therefore, Ogiro is earlier than 1450...
4. The Frankston focus site is located on the Red River in the exact location of the Nonamel village seen by De Soto in 1540. Also, confirming the Spanish accounts is data to the effect that the Nonamel were trading with the South such as Southwest glaze sherds. The Frankston focus has Titus sherds in it. Titus is over Ogiro. Therefore Ogiro is pre-1540 and pre-De Soto.
5. Confirming this evidence is the fact that Frankston sherds were found by Kelly at Presidio on the Rio Grande and on the basis of Spanish contacts with Europe in 1535 these materials must be earlier than 1535 - etc..
6. Southern Caddoan Dorahan to this area and, also Fornign to the Southwest were found at Deer(Phase 5) - is ca. 1150. Also, at Deer the shoulder bowl is found in the Glaze III-IV periods for the first time. Shoulder bowls and shapes are typical of and Titus focal. Thus Ogiro which is under Titus probably is before 1550.
7. (After Orr). The distinctive dipper, shell and bone beads, triangular side-notched and bevel notched points of Perdiz(1350) are found in the Fort Body material which are over Ogiro. Therefore, Ogiro may be before 1550.

8. John Griffin has pointed out to me that certain "Mississippian" sites in Florida have cult materia and are late sites - probably after 1600
9. Natchez ethnology 1670 ± indicate the cult still continuing.

November 26

Met the faculty of the University of Texas. Went over more Texas materials. A man named Campbell is working up the coastal Texas stuff. Should be finished by the time I get back.

November 27.

Found in the Texas collection (from Texas?) are a number of items that need explanation.

1. A stone spindle whorl, Period V, from Mexico(has been found in Texas?)
2. 3 Las Flores B/W sherds here found and are labelled as surface finds from Chamber Co. Texas (? this)
3. 5 stone pottery stamps have been found in NE Texas. Typically Mexican (? this)
4. A carved stone bead of igneous rock has been found in North Texas (?)
5. A collector in Dallas has a stone head of Jade found around Dallas (? this)
6. 4 Aztec sherds(Aztec III) have been found at Mission sites(Near San Antonio

Mexican Objects in Texas

Made careful analysis of pottery. Also met Sellards and saw Plainfield material which were associated with extinct bison. I wonder if it isn't just possible that many of the Pleistocene fauna lingered considerably after Pleistocene ~~fauna lingered~~ ~~xxxxxx~~ times in Texas?

Plain-field (Folsom)

November 28

Spent the morning going over Kelley's materials from Presidio on the Rio Grande. For the most part his stuff is allied with the Southwest and he claims that the Southwest did not extend further down the Rio Grande though it did extend into Mexico down the Conchos(old turquoise and parrot feather trail). The four culture phases are:

Presidio	-1683
Conquistador	-1582
Conception	
La Junta	

Presidio

The first is allied with El Paso pottery and Alma plain. The people lived in rectangular connected pit houses. There were also round house and rectangular kiva structure around.
Second - rectangular house unconnected
Third - Mission influence
Fourth - full Mission ~~in~~

South-East sherds in Mex.

Later that day I looked over a number of sherds found in the Valley of Mexico that probably were made in the Southeast. There were a number of cord marked sherds, a couple with complicated stamp and a couple with zone punctate

Also, I received a copy of Anderson's locations of sites in Brownsville area, Cameron County. This stuff should be more fully worked over.

November 29

Drove to Brownsville

November 30

Received mail from Ekholm. No check until afternoon mail(was ready to really get mad). Took most of the morning tracing down the Anderson collection. Finally, after much dickering found it. It's all nicely catelogued, but the catelog is not available. One fact, however, was immediately apparent. Huasteca sherds

Ander-son Colln.

6. Jean Griffin has pointed out to me that certain "Mexicanizing" sites in Florida have cult materia and are late sites - probably after 1800
7. Bubbles ethnology 1870 ± indicate the soil still ventilated.

November 23

Met the Faculty of the University of Texas. Found over more Texas materials. A man named Campbell is working up the coastal Texas stuff. Should be finished by the time I get back.

November 27.

Visit to the Texas collection (from Texas?) are a number of items that need explanation.

1. A stone pipette, Period V, from Bexar(has been Fewkes's Texas)
2. 3 Lae Flower B/W sherds here found and are labelled as surface finds from Chamber Co. Texas (? this)
3. 2 stone pottery sherds have been found in NE Texas. Typically Caddoan (? this)
4. A curved stone head of igneous rock has been found in North Texas (?)
5. A collector in Dallas has a stone head of Jade found around Dallas (? this)
6. 4 Caddo sherds(Late III) have been found at Winston site(Near Ben Wheeler

Made several analysis of pottery. Also met Gallarda and new Plainfield materials which were associated with extinct bison. I wonder if it isn't just possible that many of the Fleischmann Cave Lingered considerably after Fleischmann Cave began

November 28

Spent the morning going over Bailey's materials from Presidio in the Big Bend. For the most part his stuff is allied with the Southwest and he claims that the Southwest did not extend further down the Rio Grande though it did extend into Mexico down the Gonzales(old turquoise and perros Pastures trail). The four culture phases were: Presidio -1535
Concepcion -1682
Conquistador -1682
La Junta

The first is allied with El Paso pottery and Alma plain. The people lived in rectangular connected pit houses. There were also round house and rectangular

Concepcion - rectangular house construction
Conq. - Classic Influence
Presidio - Full Mexican Ex

Also, I received a copy of Anderson's locations of sites in Brownsville area, Cameron County. This stuff should be more fully worked over.

November 29

Down to Brownsville

November 30

Received mail from Kidder. No check until afternoon mail(was ready to really get mad). Took most of the morning dressing down the Anderson collection. Finally, after much disgusting found it. It's all simply astounding, but the material is not available. The fact, however, was immediately apparent. Nineteen sherds

from periods 4, 5, and 6 have been found in graves in Cameron County. A drawing of some of these sherds may be found on the following pages. The following Huasteca types were found.

1. Huasteca B/W (Period 6) - 70 sherds, 2 pots
2. Tancol polychrome(V and 6)
3. Heavy plain (1-6)
4. Las Flores Relief(5)
5. Redware(period 5?)

Anderson Collection

Also a gorget with a carved human figure was found, see drawing.

It certainly will be necessary to contact Anderson's family and find out about the catelog numbers and then visit these sites. Fortunately, I was told to get in touch with a man named Tony Lallum who used to accompany Anderson on his journeys. He may be very valuable. Will see him tomorrow. Spoke to him over the phone. There appear to be no other amateurs in this area.

December 1

Saw Tony Lallum from 8 A.M. to 10 A.M. This man, if his statements are valid, may be invaluable. I would hire him immediately as a guide if it were not for the fact that he has a $300 a month job and I have no money. Evidently both he and Anderson frequently worked in northernmost Tamaulipas. Upon showing him the map he pointed out about 15 places where materials may be found. From his description much of it should be period V - Tancol polychrome. Unfortunately he had little time as he had to finish up his monthly reports, but expects to return Monday and spot all the sites they found in Tamaulipas on my map. I shall not enter any of this data on my survey sheets until I have verified it personally. However, I shall mention the sites he told me about now on this page.

1. All along the Rio Pita there appear to have been numerous camp sites - about 10
2. At the mouth of the El Tigre is a huge site
3. At Borril is a site
4. Al Las Portales is an excellent site with much pottery
5. On the forest ridge in back of Portales across a bridge near a salt lake to the left is a site.
6. There are about 4 sites at San Jose, La Enabta, San Jado - which have much pottery
7. Near El Blanco is a site next to the Rio Grande

Anderson and Lallum Survey in Tamaulipas

In the afternoon went up in the Cayo Atusace region to try to relocate some of Anderson's sites. Did not find any of his but did find another one. Fragments of 8 skulls had eroded out of the bank. This is $Cm^{b}45$. Cm - Cameron County; b- burial; 45 is serial number after the last site found by Anderson. Unfortunately, the owner of much of this property was not at home and I couldn't or didn't dare go into parts of it. I will see him later.

$Cm^{b}45$

In the evening I attempted to contact a man named John Davis, collector in Phorr.- not available. It was suggested that I look up Mathews in McAllen but he didn't have a phone.

Also, got the tourist visa and I believe I will go to Mexico City Monday as I have not received the permit yet.

December 1

Caught up on field notes, wrote letters to Krieger, Griffin, Ekholm and sent bi-monthly report to Cole. Will arrange to have notes copied in triplicate. One for Instudade de Mexico, Universidad de Chicago, y mi. Among other things I wrote a long letter to Anderson's daughter about giving her father's collection to the University of Texas. It sure would help their survey and would be in a place where it would do the most good. I also asked for the catelog. With

Three periods A, B, and C have been found in pueblo in Socorro County. A number of sherds of these wares may be found on the following pages. The following nineteen types were found.

1. Socorro B/W (Period B) - 75 sherds, 1 pole
2. Tanoan polychrome (V and C)
3. Heavy plain (1-6)
4. Las Flores Relief(5)
5. Redware(period B?)

Also a potsherd with a carved human figure was found, see drawing.

It certainly will be necessary to contact Anderson's family and find out about the outlying ruinsand time exact sites. Furthermore, I was told to get in touch with a man named Tony Lellum who used to accompany Anderson on his journeys. He may be very valuable. Will see him tomorrow. Spoke to him over the phone. There appear to be no other amateurs in this area.

December 1

Saw Tony Lellum from 8 A.M. to 10 A.M. This man, if his statements are valid, may be invaluable. I would pay him immediately as a guide if it were not for the fact that he has a $100 a month job and I have no money. Evidently both he and Anderson frequently worked in northernmost Tamaulipas. Upon showing him the map he pointed out about 15 places where materials may be found. From his description most of it should be period V - Tanoan polychrome. Unfortunately he had little time as he had to finish up his monthly reports, but expects to return Sunday and post all the sites they found in Tamaulipas on my map. I shall not enter any of this data on my survey sheets until I have verified it personally. However, I shall mention the sites he told me about now on this page.

1. All along the Rio Pita there appear to have been numerous camp sites - about 10
2. At the mouth of the El Tigre is a huge site
3. At Borril is a site
4. Al Las Portales is an excellent site with much pottery
5. On the forest ridge in back of Portales across a bridge near a salt
   lake to the left is a site.
6. There are about 4 sites at San Jose, 4 Knobs, San Jado - which have much pottery
7. Near El Blanco is a site next to the Rio Grande

In the afternoon went up in the Sierra Altuase region to try to locate some of Anderson's sites. Did not find any of the but did find several sherds of 3 which had eroded out of the bank. This is Cm 48. Cm - Cameron County; Dr. Dorman, at La Aurial quarry after the last site found by Anderson. Certainly the owner of much of this property was not at home and I couldn't dare go into parts of it. I will see him later.

In the evening I attempted to contact a man named John Davis, collector in Pharr, not available. Krum suggested that I look up Mathews in Mollian but he didn't have a phone.

Also, put the tourist visa and I believe I will go to Reynosa Monday as I have not received the permit yet.

December 1

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the catelog I could go to town on giving a report on the findings of Anderson.

December 2

After a rather late start I drove to Antiguo Morelos on the first day. Got my first chance to see Tamaulipas. Had a little trouble getting gasoline, but otherwise OK. My Spanish seems to hold up under fire of the natives.

December 3

Arrived in Mexico City in the evening. It was quite a trip over the terrific mountains and the scenery magnificent. Late in the afternoon we started down and the first town we hit was Zimopan. The scenery and the town was beautiful. It really would be a swell place to live. Decided to stay at a Tourist Court - Guadalupe Courts. - Cheaper than hotels, about $2.50 per day.

December 4

Started to look for officials - Martinez del Rio not in; Palacios quit for the day; Moreno in Oaxaca and Borbolla out. Quit looking at 2 o'clock a little discouraged, and went out to Teotihuacan. The guide - Manuel Castenda Raminez, an intelligent young archaeologist, spent about 4 hours taking me around. Pompeii and the Near East has nothing on this ruin. We saw two of the house sites that they are now excavating. It must have been very beautiful in the original. The outside was painted red and the inside was covered with frescoes. Also, he showed me some of the pottery. Pipes and copper don't appear in Teotihuacan times. Very significant?

December 5

I got to see Martinez del Rio - very intelligent fellow and no doubt will be of help. Also, had a long talk with Palacios. My permission is now sitting in Brownsville. He told me Saldivar was in the Ministry of Foreign Affairs. I explained to Palacios that I would give them a complete set of notes of my daily notes, maps and all materials. I left with everybody feeling happy. Then I looked for Saldivar - no success. Finally in the afternoon I went to talk with Rubin de la Borbolla. He has a wealth of information. First he told me about a new cache found in the Monte Alban region which is richer than the finds of Caso(there). Secondly he told me about the financial set-up of the Institute. It is a little hard on good dirt archaeology. Then he told me about the finds of Helmut de Terra near Teotihuacan. It appears that de Terra has found artifacts in the same strata as the remains of elephants bones. At last Early Man in Mexico! Also, he is giving me a copy of the Third Round Table Conference Report. That will be handy. Finally we talked over the question of Krieger getting the Anderson Collection. He thinks he has friends that may be able to help. Muy Bueno. I also asked about having a study made of the copper. I'll bet some of the Huasteca V and VI periods is from Lake Superior.

December 6

Looked for Tenayuka - didn't find it. Looked for Saldivar and didn't find him. Institute closed because of a funeral.

December 7

Went down to the Institute to get some books. Found Watkins, Julio de la Fuente, and Weitlander. Talked over permissions, passports and visa etc. Read some of the Round Table Conference stuff and Saldivar "Indians of Tamaulipas" etc. Went to a party of anthropologists at De la Fuente's. Went to Saldivar's house late in the afternoon and found him. This guy will be valuable. Called Meade and he is in San Luis Potosi.

the catalog I could go to town on giving a report on the findings of Anderson.

December 3

After a rather late start I drove to Antigua Guatelua on the first day. Set up first camps in one Tamaulipas. Had a little trouble getting permits, but otherwise OK. My Spanish seems to hold up under five of the natives.

December 3

Arrived in Benton City in the evening. It was quite a trip over the mountains and the scenery magnificent. Late in the afternoon we climbed over the first time we hit was Sleepon. The scenery and the bugs was beautiful. It really would be a swell place to live. Decided to stay at a Tourist Court - Guadalupe Courts. - Cheaper than motels, about $2.50 per day.

December 4

Started to look for officials - Martinez del Rio not in; Palacios quit for the day; Olmeda Da Cunha and Bordolis out. Quit looking at 5 o'clock & little disappointed, and went out to Teotihuacan. The *quinta* - Manuel Cantarell Martinez, an intelligent young archaeologist, spent about 4 hours talking me around. Thought the Mexe Exact ina rotating on this rule. He was two of the house also that they are now excavating. It must have been very beautiful in the original. The outside was painted red and the inside was covered with frescoes. Also, he showed me some of the pottery. Pipes and copper dust appear in Teotihuacan times. Very significant

December 5

I got to see Martinez del Rio - very *intelligent* fellow and he surely will be of help. Also, had a long talk with Palacios. My permission is now sitting in Brownsville. He told me Baldivar was in the Ministry of Foreign Affairs. I explained to Palacios that I would give them a complete set of notes of my daily notes, maps and all materials. I left with everybody feeling happy. Then I looked for Baldivar - no success. Finally in the afternoon I went to talk with Hublo de la Borbolla. He has a wealth of information. First he told me about a new cache found in the Monte Alban region which is richer than the finds of Dano(there). Secondly he told me about the financial set-up of the Institute. It is a little hard on good dirt archaeology. Then he told me about the finds of Helmut de Terra near Teotihuacan. It appears that Mr Terra has found artifacts in the same strata as the remains of elephants bones. At last Early Man in Mexico! Also, he is giving me a copy of the Third Round Table Conference Report. That will be handy. Finally we talked over the question of Krieger getting the Anderson Collection. He thinks he has friends that may be able to help. Say Cyrus. I also asked about having a study made of the copper. I'll bet some of the Museos V and VI periods is from Lake Copalar.

December 6

Looked for Tenayuca - didn't find it. Looked for Baldivar and didn't find him. Institute closed because of a funeral.

December 7

Went down to the Institute to get some books. Found Watkins, Julio de la Fuente, and Wellander. Talked over permissions, passports and visa etc. Read some of the Round Table Conference stuff and Baldivar "Indians of Tamaulipas" etc. Went to a party of anthropologists at De la Fuente's. Went to Baldivar's house late in the afternoon and found him. This guy will be valuable. Called Monde and he & in San Luis Potosi.

December 8

Went to see Saldivar in the morning. Spent four hours with him. Besides a wealth of information about sites and cultures found on the next page he gave me a letter of introduction to the governor of Tamaulipas, a professor in Cuidad Victoria, a rich person interested in archaeology from Victoria and to various peoples he knows in the small towns. The sites will be found below:

Important as the sites was the ethnological fact that the Comecurdo were nomads and during the 1500's were seen in the region of the Huasteca(near Tampico) on the Ranchos, on the Rio Grande and that they went up into Texas to a lake - either a lake in the North Brooks County or a Bay in the North of Willoy County to get salt. This salt in block form they traded both north and south. Probably this is our means of contact between Mexico and the Southeast. He is getting me the exact sources for this data.

In the afternoon I was supposed to meet Martinez del Rio at his site near Plaza de Santiago. Unfortunately I got lost and followed out the street Buliva instead of Bolivar. Then I found it he was gone. However, Senora Espejo showed me around his ruin. She appears to be doing an excellent job and her findings fit nicely with the ethnohistorical data. Later went out and found Tenayuca. While walking about I picked up 20 cord-marked paddled sherds. Where in hell did these come from but the easternmost part of the United States?

Later called up Del Rio and apologized and will meet him Monday.

December 9

Wrote notes, letters and so forth. Also, the owner of the Guadalupe Courts invited me to dinner there.

December 10

Early Monday morning saw Del Rio, had a very pleasant chat. Then left for Tampico. At Pachuca broke a spring. Had it repaired then over the mountain at night, on a gravel road in a thick fog. Forced to stop at Huastenango. June bought a few trinkets. Having trouble as usual getting receipts.

December 11

Drove to Tuxpan in the morning. Just outside Tuxpan there are a couple of conical pyramids(Huastec?). The road is really miserable from Tuxpan to Tampico. Just north of Alamo stopped and looked at four mounds, all stone surfaced. Three are conical, one rectangular. Picked up some sherds. Appear to be Huasteca, Period VI. Got stuck in the mud twice. Finally made Tampico after dark.

December 12

Went out to Panuco and saw Roberto Pavón and the Pavón site. Roberto is a swell guy. Also, saw Las Flores site. Examined Huasteca sherds of all periods and saw some round shell gorgets, Later in the evening saw Blas Rodrigu

December 13

Saw B. Rodriguez collection. Has a lot of stuff. Good review of Ekholm's stuff. Then Pavón and I went out to Tampico Alto to see the collection of a priest. The collection was excellent and his small museum excellently kept up. While on the way out Pavón told me his biggest secret. It sure is important. Both he and I are writing Ekholm about it. Pavón would like to go on the survey with me and it would cost me only expense. I believe in the future I will take him. He might prove invaluable.

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wealth of information about sites and cultures found on the east page he gave
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Ciudad Victoria, a rich person interested in archaeology from Victoria and to
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and during the 1800's were seen in the region of the Huastecs(near Tampico)
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either a lake in the North Bronte County or a bay in the North of Tilley County
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United States!

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and I are writing Ethnic about it. Pavón would like to go on the survey with
and it would cost me only expenses. I believe in the future I will take him.
slight power investment.

December 14

Drove from Tampico to Brownsville. It rained and the roads were slick. On stopping in San Fernando I found a site
Was told about one near town.

December 15

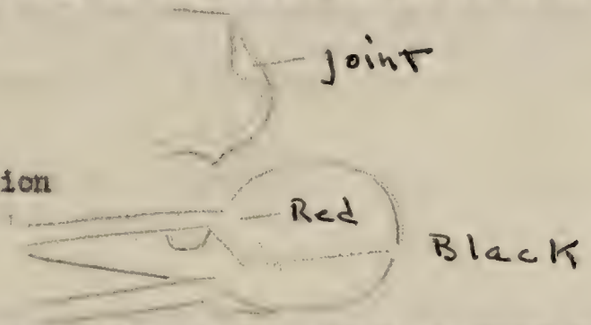
Got laundry and finally received the permission. At last the expedition is official. In the afternoon went out and found Judge Darcy. He has the Anderson field notes and I will get them Monday. Among my letters from Cole, the Bursar's office, etc. was a card from Jack T. Hughes, a student of Krieger who would like to work for me for free. He had been in Brownsville for two days and now just left. Tried to contact him at the customs gate but no success. If I can contact him he will be a valuable asset. At present he would be helpful but in a couple of months he would be invaluable. Thus I would have a crew of five in the future for excavation and might be able to excavate four places at the same time. One under my direction, one under June's direction, one under Pavon and one under Hughes. It will be a neat set-up if it pans out.

December 16

Saw Mr. Chapion about Anderson's field notes. Finally, found them at his house with the materials. They consist of three notebooks in not too bad conditions. Spent the rest of the day reading them. From them I got the exact location of the Huasteca(5) whole pots. No real catelog was found. In the following pages I shall describe briefly the pots and their locations.

1. Olla - la loma de las Pesca - cream in color

shape:



decoration

Site is about 100 yards southwest of where road from Soledad to La Pesca crosses the Arroyo del Tigre. 4 burials were also found in the same area.

Tancol Polychrome

Olla - La Loma Atrovasada
Probably same shape as others. Evidently only a red wash over outside.
- found near ranch Alvarasoda - about 100 yards north of jocales. Ash deppsits(inhabitants?) about things.

Olla - Coyo Alascoso
Found at site 16.6. Have picture of it.

Huasteca B/W

Olla - Tanges Salado
Lea Franka's son - a place about 1.5 miles westerly from the road. It was on the western margin of a narrow eroded, resaca ridge running from Northeast to Southwest below salt lagusas. Anderson dug a here. Same shape(of olla) as the first. Design: red and black on cream, animal design

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Out laundry and finally received the permission. At last the expedition is <u>official</u>. In the afternoon went out and found Judge Darcy. He has the Andersons files and I will get them Monday. Among my letters from Dale, the Bureau's offices, was a card from Jack T. Hughes, a student at Rutgers who would like to work for me for free. He had been in Brownsville for two days and now just left. Tried to contact him at the customs gate but no success. If I can contact him he will be a valuable asset. At present he would be helpful but in a couple of months he would be invaluable. Thus I would have a crew of five in the future for excavation and might be able to excavate four places at the same time. One under my direction, one under Jane's direction, one under Pavón and one under Hughes. It will be a neat set-up if it pans out.

December 16

Ben Mr. Chapion about Anderson's field notes. Finally found them at his house with the materials. They consist of three notebooks in not too bad condition. Spent the rest of the day reading them. From them I got the exact location of the Burrows(?) whole pots. No real matching was found. In the following pages I shall describe briefly the pots and their locations.

1. Olla - La Lima de las Pasas - crema in color

diagram:

decoration

Site is about 100 yards southeast of wagon road from Soladad ranch to La Ponca crossing the Arroyo del Tigre. 4 burials were also found in the same area.

Tunnel Polychrome

Olla - La Loma Alternada

Probably same shape as others. Evidently only a red wash over entirely.

- Found near ranch Alvarenda - about 100 yards north of Jacalen. Ash deposits(kitchenbunts?) about things.

Olla - Coyo Blanco

Found at site 18,E. Have pictures of it.

December 17

Olla - Tampa Salado

Lea Pineda's son - a place about 1.5 miles westerly from the road. It was on the western margin of a narrow eroded, tesana ridge running from Northeast to Southwest below salt lagunas. Anderson dug a here. Same shape(of olla) as the first. Design: red and black on cream, animal design

Tancol Polychrome
Bomel Las Onacahuitas
Salvador, about a mile westerly from Asacahuitas, just south of arroyo del Tibry(35 m. from Malomos) A small channel skirts its Eastern slope. It is a small hill.
Shape:

Huasteca B/W
Engraved shell ornament - c.3956
It was found in 1917 by Melcher Cortez about 200 yards northwest of Fresnos and about the same distance west of Tepehaje Ranch in share #2 18 of Esperitu Santo Govnt, Cameron Co. - Lat 26°08.4; Long. 98°51.8. It was associated with human bones.

Also, got a map of Anderson's site in which sites agree with map.

Worked a little on a report of the trade pottery at Kincaid.

December 17
Decided to attempt to find a number of sites of Anderson to see what they were like and perhaps to plan to excavate them in the future. Spent the day looking for S16.6 and S16.5. Found both after much walking. There were scattered human bones, charcoal and shell(oyster, cat) at 16.6 while at 16.5 there was only a thin line of charcoal(the line 1 inch thick) as well as shell. It was cold and either raining or threatening to rain all day.

December 18
Went out and found c.e5. Found only a line of charcoal and few scattered bones- not human.(damn near froze.)

December 19
Went out and found 12.7 and 13.3. 12.7 had only scattered fragments of shell and a few(3) pieces of flint. 13.3 was much better, part of a skeleton had eroded from the bank and there was fire, very dense line of charcoal that showed up on the bank. This line extended for about 30 feet. This is the best site I have seen. No artifacts found. It was bitterly cold with a cold wind.

December 20
Went and found 10.2W and 10.3W and 10.4. None of them were very good. Also, this jungle is terrific.

December 21
First returned Anders n notes, got mail, sent letters to Cole and Krieger. Then went around and talked to Champion about the ethnology of Brownsville area and talked over Saldivar's book.

Finally, was ready to go and then found out I was not able to use a tourist visa. Therefore, I went to the ~~xxxx~~ immigration authorities at Matamores and after showing my official documents got a courtesy visa from the chief. By the time I finished this crap it was too late to start.

December 22

Drove from Matamoros to Abucalo. It sure helps to have a few letters to important people, a special courtesy visa and the permit. In the evening at Abasalo, beside drawing a crowd of minas to look at the animales estrane, I received some interesting information. First of all there are archives at Jiminez which may give a little information about ethnology of the area. Also, there are Indian remains from Cerro Gordo. Also, I found out that there is a site at Contradere and that el Senor Salenas has many paints. Secondly, at the bridge between Jiminez and Abasola, at the Rachas de Saconeal are many chingro of the . Also at Arroyo de Cobera is a camp. Also, at the Ranchos Garcienllo are large bones. In the Cerro de la Aire are many caves with things of the Indians. The Presidente of the town believes that the Indians lived mostly in this region. He then sat down a planned a little trip for me and June to this place on the 25. Nothing like Christmas on a horse for 8 hours. Also, the presidente has a metate, in stone; a mortar or olla and 3 ornamented roller pestles.

December 23

During the morning I took a picture of the stone mortar(or olla as it is called in this region), the metate and the pestles. There all were found in the bank about 8 feet down on the Sole la Marina river at Palo Alta.

The photograph is on the next page.

In the afternoon I started off on the Road for Palo Alto.

Tm - Tamaulipas
p - camp or pueblita
b- burial
r - ruin of long occupation
c- cave

$\underline{Tm^c1}$ - On the road from Obosalo to Contredero, about 200 yds north of of Contredo just before the Telephone line passes from the left side of the road to the right. We noticed a large deposit of mussel shells. On looking around we found a large area mainly left of the road. The materials found include two thumbnail scrapers, much flint, and 2 pieces of pottery. I do not believe the site has much depth.

$\underline{Tm^c2}$ - About 2 miles south from Castredero on the road to Palo Alto, just before one reaches the largest arroyo between the two towns(coming from Contredero) there was a large site. This site appeared to be at least one foot deep. We found four pieces of pottery, one point, parts of three others, part of a knife and some scrapers. There is also an abundance of mussel shells and some animal bones.

$\underline{Tm^c3}$ - Past Palo Alto at the Arroyo Cabreas, down about 200 yards from the road crossing on the arroyo on the south bank near the top was a huge deposit of shell about 70 feet in length. Walking along underneath it I found a large sherd and quantities of flint. This arroyo will be further investigated.

On December 25rd I will take the trip to the Cerro de la Aire. I also talked with persons from Chancol. He suggests I drive to Soto la Morina, take a boat to Pesecu and then take a horse to El Senor Kennedy's ranch at Chancol. He believes Kennedy is interested in Indian things.

December 22

Drove from Salamanca to Ojuela. It was twice as far as the Indians to important people, a special courtesy rite and the result. On the evening at Ahuacio, beside drawing a crowd of whom to look at the animales extranos, I received some interesting information. First of all there are artifacts of Indians which may give a little information about ethnology of the area. Also, there are Indian remains from Cerro Gordo. Also, I found out that there is a site at Contreders and that el Senor Salerno has many points. Secondly, at the bridge between Timines and Ahuacio, at the Rancho de Ramonal are many pintyro of the . Also at Arroyo de Cobera is a camp. Also, at the Rancho Investigallo are large bones. In the Cerro de la Alte are many curve with things of the Indians. The Presidente of the town believes that the Indians lived mostly in this region. He then sat down a planned a little trip for us and June to this place on the 25. Nothing like Christmas on a horse for 3 hours. Also, the presidente has a metate, in stone; a mortar or olla and 3 ornamented roller pestles.

December 23

During the morning I took a picture of the stone mortar(or olla as it is called in this region), the metate and the pestles. There all were found in the bank about 6 feet down on the Sola la Marina river at Palo Alto.

The photograph is on the next page.

In the afternoon I started off in the Ford for Palo Alto.

Ex - Translate
y - easy or possible
b- buried
r - rein of last campesino
s- sure

Pa 1 - On the road from Obregio to Contreders, about 200yds north of of Contreds just before the Telephone line passes from the left side of the road to the right. We noticed a large deposit of mussel shells. On looking around we found a large area mainly left of the road. The materials found include two thumbnail scrapers, much flint, and 2 pieces of pottery. I do not believe the site has much depth.

Pa 2 - About 2 miles south from Contreders on the road to Palo Alto, just before one reaches the largest arroyo between the two towns(coming from Contreders) there was a large site. This site appeared to be at least one foot deep. We found four pieces of pottery, one point, parts of three others, part of a knife and some scrapers. There is also an abundance of mussel shells and some animal bones.

Pa 3 - Past Palo Alto at the Arroyo Cabresa, down about 250 yards from the road crossing on the arroyo on the south bank near the town was a huge deposit of shell about 70 feet in length. Walking along underneath it I found a large shard and quantities of flint. This arroyo will be further investigated.

On December 23rd I will take the trip to the Cerro de la Alre. I also talked with persons from Chamcol. He suggests I drive to Soto la Morina, take a boat to Pasaco and then take a horse to El Senor Kennedy's ranch at Chamcol. He believes Kennedy is interested in Indian things.

December 24

El Senor Ferando Salinas of Jiminez said at Ranch La Bonita there are caves on the road from Jiminez to San Fernado. El Puerto, de Frijo, municipio de Hausbue. El Professor told me pointing: At Pueblita from Victoria, as Cosas, then to Los Angles, leave car there, then later a mule - ask the people about this. He will give me letters to people there. San Antonio de ruinas, south of Victoria Go in the car 6 miles, then take a mule.

December 25

Took a horse from Afusole to Cerro Aire. Saw two caves - one was completely sterile. The other, a limestone cave in which Indian objects reportedly have been found I went into. Only one flint scraper was found. After a good deal
Tm^{c}4 of crawling around I did find a place that might have been human refuse. It contained mainly not dung, but some material, probably charcoal, no artifacts found here.

On the way back on the north bank of the Arroyo de Sairo about 1 mile NNE of
Tm^{p}5 Abosole on the trail to the cave a found a very long midden of shell. Found 3 pieces of pottery, 2 or 3 projectile points, scrapers and large deposits of shell.

Also, was told about a large shell mound on the River next to [redacted] Abosolo. Will visit it in the future.

December 26

Drove to C. Victoria. Was not able to find the governor. Also, burned out a generator and blew a gorget. This car is not built for this country. It is really too bad for me to ruin it in this country while the University of Chicago could give me money for another.

December 27

Attempted to see the governor but this is the end of the year so no soap. However, I did see Pablo Lavin, Moreny and Martinez, and the Seratrisio gave me a letter to Candeloria Reyeo. He proved to be a very interesting fellow and showed me a pot from around Pueblita that is definitely Tancol. Also a friend of Pablo Saim, Castenyda talked about the ruins of Pueblita and pyramids of Estabores all day. When I brought the subject up to Moreny and Martinez he immediately gave me a letter to people in that area. I arranged for a truck ride out there since Palacio said if I wanted to go south of the river, if I found something important and since the sherds from Sota La Morina are like Pueblita and since it may be the home of Tancol I'm going.

If it has something important I'll ask permission to dig.

December 28

Met a man named Pablo de la Sarga who owns a ranch south of Chanal. He offered all sorts of help. I will probably stay at his place in the future.

Photographed Reyes' pot. Got letter to people in Sota La Morina and to Pablo F in Loa Angles

December 29

Contacted ride to Los Angles with Constancia Salinas. Left in the night for Los Angles. Stored car as it could not be used on these roads.

December 12

El Teapot Tornado Salinas of Timines would at Ranch La Bonita there are caves on the road from Timines to San Fernado. El Puerto, de Ptijo, municipio de Hermoso. El Profesor told me pointing: At Pueblito from Victoria, as Ocoma, then to Las Anglas, leave car there, then later a mile - ask the people about this. He will give me letters to people there. San Antonio de ruinas, south of Victoria. Ca in the car 6 miles, then hike a mile.

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Jefe

On the way back on the north bank of the Arroyo de Saito about 1 mile NNE of Pueblo on the trail to the cave a found a very long midden of shell. Found 5 pieces of pottery, 2 or 3 projectile points, scrapers and large deposits of shell.

Also, was told about a large shell mound on the River next to Pueblo. Will visit it in the future.

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Photographed Reyes' pot. Got letter to people in Soto La Morina and to Pablo
F in Los Anglas

December 29

Contacted ride to Los Anglas with Constancio Salinas. Left in the night for Los Anglas. Stored car as it could not be used on those roads.

December 30

Arrived in Los Angles. I'm staying with the Presidente Jose. Talked with his son who lived alone in the mountains. He is a good man, Pedro. He will take me on a 2 day trip to Pueblito. He told me about a cave with painting in the Canyon Diablo and another large ruin north of Pueblito. I will ask about this also. June is sick and not so good. Unfortunately she will have to stay in Los Angles. Arranged for a ride back Thursday.

December 31

Started out on horseback about 9 o'clock. It was a rough trip and by the time I had arrived at Pueblito I was full of little ticks. We didn't arrive until 4 o'clock in the afternoon. Burnt some of the grass around the ruin and looked it over. Drew a rough sketch of it to be found following this. The houses certainly are round and there are some definite pyramids which are also round. The whole place was definitely constructed for defense. Slept on the ground.

Pueblito
TmP6

January 1, 1946

Spent the morning walking over all of the ruin. Pedro knows of another further north which he says is 5 times as big. Also, there is one on the Guadalupe Mountain near Natabarres. After walking around the whole ruin I dug a five foot square test pit. The refuse deposit was about 1.5 feet deep. In my notes the material will be numbered: 6/1 - site 6(TmP6), test 1; 1,2,3,4 - depth of level; 1 - surface; 2 - humus. 0-6 inches; 3 - 6 inches to 1 foot; 4 - 1 -1.5 feet

Pueblita TmP6
Test 1

The test pit revealed only one feature. A layer of flat rock separating level 3 from level 4.

Loaded the burros down and started back to Los Angles. Night fell before we arrived. It was a cold, hard, bug-ridden ride and I was tired.

January 2

Washed clothes and bathed, trying to rid myself of bugs. I am a mass of bites. Also, washed and numbered pottery. Attempted to analyse it but did not have time and no privacy as I was surrounded by kids all the time. On a bad guess I would say it roughly correlated with Huasteca 4(or 5). Other sherds which I have seen from this area, but not from Pueblita, lead me to believe that this stuff may be ancestral to Tancol and may be the source of all Brownsville stuff. It definitely is the source of the pottery around the arroyo Jiminez.

January 3

Rode back on a truck to Victoria with chickens, pigs, people, children, furniture, fruit and merchandise. (and, of course, bugs.)

January 4

Met Senor Kennedy of Chamal and drove to Brownsville. Nothing of interest except a dust storm.

December 30

Arrived in Los Angeles. I'm staying with the Proellwitz Twins. Tall, with big eyes who lived alone in the mountains. He is a good man, Pedro. He will take me on a 2 day trip to Pueblito. He told me about a cave with paintings in the Canyon Diablo and another large ruin north of Pueblito. I will ask about this also. Jane is sick and not at good. Unfortunately she will have to stay in Los Angeles. Arranged for a ride back Thursday.

December 31

Started out on horseback about 9 o'clock. It was a rough trip and by the time I had arrived at Pueblito I was full of little flecks. The oldn't arrive until 4 o'clock in the afternoon. Burnt some of the grass around the ruin and looked it over. Over a rough sketch of it to be found following this. The houses certainly are round and there are some definite pyramids which are also round. The whole place was definitely constructed for defense. Slept on the ground.

Pueblito Viejo

January 1, 1941

Spent the morning walking over all of the ruin. Pedro knows of another further north which he says is 8 times it big. Also, there is one on the Guadalupe Mountain near Tabaporos. After walking around the whole ruin I dug a five foot square test pit. The refuse deposit was about 1.5 feet deep. In my notes the material will be numbered: $\frac{\text{I}}{\text{Test I}}$ - site B(Ta-8)

Pueblito Viejo Test I

1,2,3,4 - depth of level
1 - surface
2 - Humus. 0-6 inches
3 - 6 inches to 1 foot
4 - 1 -1.5 feet

The test pit revealed only one feature. A layer of flat rock separating level 3 from level 4.

Located the burros down and started back to Los Angles. Night fell before we arrived. In Pueblito, Lane, Engelhardt Pyle and I was tired.

January 2

Washed clothes and bathed, trying to rid myself of bugs. I ate a mass of bites. Also, washed and pumbered pottery. Attempted to analyze it but did not have time and no privacy as I was surrounded by kids all the time. On a bad guess I would say it roughly correlated with Hunteen 4(Gr 5). Other sherds which I have seen from this area, but not from Pueblito, lead me to believe that this stuff may be ancestral to Tanoan and may be the source of all Bernalillo stuff. It definitely is the source of the pottery around the Arroyo Hondo.

January 3

Took Dr. Kennedy of Chapel and drove to Bernalillo. Nothing of interest except a dust storm.

January 5

Tried to get another part for car, not to be had in Brownsville. Tried to find out about visa - no success. Went and saw Mrs. Phillan at Buena Vista. Got a letter to his foreman and will explore in his area later. He could tell me nothing about ruins in that area. No success again. Tried typing letters. Typewriter broke. Fixed it. Decided I had butted my head against enough walls so went to the movies and then to bed.

January 6

Went to visit Maxie Schamp and tried unsuccessfully to get in touch with George Martin of San Antonio, who has dug around Corpus Cristi and Falfliries. Had more motor troubles one flat and a short circuit in the generator.

January 7

Cleaned car. Tried to see official, didn't see him until the afternoon. Repaired 3 tubes. Wrote Dr. Cole a report. Figured up budget. This is nonsense in Mexico where one has to pay for pushing car, guarding car, etc. Gave the car a grease job and repaired 3 bad tubes. Asked around about buying a truck because using this car is ruining it and sure is slowing things up.

January 8

Took a hell of a while getting thru customs and then went on to Abasolo. Learned from a fellow at San Fernando that there are large fossil bones of animals found in the river bank 21 kilo south of San Fernando at Rancho Marias and that I should ask Raphoal Nables about them. He also informed me that arrowpoints were found nearby. Stopped on the way down but Raphael wasn't home and the others, though they knew of the bones did not know their location. A man names Roy told me about it.

Fossil bones of large animal on bank of Rio Conebros

Got three flats on the way to Abasolo. Nothing like changing tires in the middle of the night. With a truck it sure would be faster.

January 9

Spent morning repairing tubes and changing position of tires. Then took off for Palo Alto and Soto La Marina. Stopped and looked at Tm^C2. The deposits are only about 1 foot deep. Stopped again at Arroyo Jiminez. This time I walked about a mile north of the road in the arroyo and found one site. It was about 100 yards north of the road on top of the east bank. Depth of deposit - 6 inches.

Tm^C2

Tm^C7

About 500 yards north of the road just around the bend of he river I found another site. Very small, but it produced one piece of pottery. This is where the arroyo turned westward from its usual N-S direction and was at the top of the northeast bank. Depth about 4 inches on the bank.

Tm^C8

On the top of the east bank just across the Arroyo Jimines on both sides of the road June noticed a mass of shell. The site had much flint on it but few artifacts. Depth: about 1 foot or less.

Tm^C9

At the next big arroyo(Arroyo Cobra) after Arroyo Jiminez on the road to Soto La Morina the next site was found. It is a large site and on the west bank of the Arroyo. The deposits are about 2-3 feet thick. This looks like a good site but would take plenty of digging.

Tm^C10

Arrived at Soto la Marina at night.

January 8

Tried to get another part for car, not to be had in Brownsville. Tried to find out about visa - no success. Went and saw Mr. Phillips at Buena Vista. Got a letter to his foreman and will explore in his area later. He could tell me nothing about ruins in that area. No success again. Tried typing letters. Typewriter broke. Fixed it. Decided I had butted my head against enough walls so went to the movies and then to bed.

January 9

Went to visit Maria Gomez and tried unsuccessfully to get in touch with George Martin of San Antonio, who has dug around Corpus Christi and Falfurrias. Had more motor trouble: one flat and a short circuit in the generator.

January 7

Cleaned car. Tried to see official, didn't see him until the afternoon. Repaired 3 tubes. Wrote Dr. Dole a report. Figured up budget. This is nonsense in Mexico where one has to pay for punching car, guarding car, etc. Drove the car a grease job and repaired 3 bad tubes. Asked around about buying a truck because using this car is ruining it and sure is slowing things up.

January 6

Took a ball of a while getting thru customs and then went on to Abasolo. Learned from a fellow at San Fernando that there are large fossil bones of animals found in the river bank 21 kilo south of San Fernando at Rancho Morteno and that I should ask Espinal Nables about them. He also informed me that arrowpoints were found nearby. Stopped on the way down but fagined them't home and the others, though they knew of the bones did not know their location. A man named Hoy told me about it.

Fossil bones of large animal on bank of the Conchos

Got there finally on the way to Abasolo. Nothing like changing tires in the middle of the night. With a truck it sure would be faster.

January 5

Spent morning repairing tubes and changing position of tires. Then took off for Villa Alto and Soto La Marina. Stopped and looked at Ta_2O_5. The deposits are only about 1 foot deep. Stopped again at Arroyo Limones. This time I walked about a mile north of the road in the arroyo and found one site. It was about 100 yards north of the road on top of the east bank. Depth of deposit - 8 inches.

Site 7

Site 6

About 300 yards north of the road just around the bend of the river I found another site. Very small, but it produced one piece of pottery. This is where the arroyo turned westward from its usual N-S direction and was at the top of the northeast bank. Depth about 4 inches on the bank.

Site 5

On the top of the east bank just across the arroyo Limones on both sides of the road June noticed a mass of shell. The site had much flint on it but few artifacts. Depth: about 1 foot or less.

Site 4

At the next big arroyo(arroyo Cobra) after Arroyo Limones the road to Soto La Marina the next site was found. It is a large site and on the west bank of the arroyo. The deposits are about 2-4 feet thick. This looks like a good site but would take plenty of digging.

Arrived at Soto La Marina at night.

January 10

Spent the morning talking to officials, etc. Then about 11 o'clock took a ride up along the bank of the river. I went north and west along the bank
Tm^{c}11 from the town on the north bank. Small deposits of shell and flint showed up here and there, but the first important one was at Rancho San Jose about 1.5 kilometers from town and which now has a house over part of it.

About 2 kilo about town on the northeast bank of the river was another site.
Tm^{c}12 This was quite productive and is large. Some sherds on it, but can't tell if they are modern or not. This is on the Old Rancho Las Angles.

Then I returned from Tm^{c}12 to Tm^{c}11, walking along the northeast bank of the river.

Tm^{c}13 About 600 yards north of Rancho San Jose found one site with what looks like
Tm^{c}14 a foot of deposition, and about 700 yards north of the Rancho was another site.

January 11

Started out to see another site and the inadequacy of this car in this country showed up. First I got stuck in part of the river where the fording was shallow. This meant spending an hour in the water and costing 10 pesos. Then, later in the day I got stuck in the gravel in a dry arroyo bed. It took up 5 hours to get out and in the end was necessary to have horses pull us out. 4 horses, 2 men, 20 pesos. Then I paid our guide 10 pesos. Never did get to the site as 7 hours were wasted getting out of places a truck never would get stuck in, 1 hour repairing fan belt of car and 1 hour driving. There sure is damn little profit running this car, scratching its finish, flooding its motor with water, ruining its tires and shaking its body to pieces when the University of Chicago could damn well afford a cheap second hand truck that would give us none of this trouble.

Took a picture of a stone morter found at Pueblita by Antonio Balandiano of Soto la Marina

During the evening Raul Riestra called on me and asked to take his dying mother to Palo Alto where he could get a ride to Victoria. The car, of course, wouldn't work. May take him tomorrow.

January 12

Slight mist. Tried to get out of here as weather report said 3 days rain. Got 10 kilo. Stuck in mud for 3 hours. Finally returned to Soto la Marina tired and dirty. I wish I had a truck.

January 13

Read most of the day as it rained. Late in the afternoon went out to Tm^{c}12 and found another site directly behind Tm^{c}14. This I have called Tm^{c}15.
Tm^{c}15 It is rich in artifacts. It is about 150 meters from the Rio. Then I moved north of Rancho Las Angles about 200 yards and found a site in the
Tm^{c}16 bank of the river, Tm^{c}16. The deposits are about 2 feet under the present surface. Continued northward about 250 yards north of old at Rancho
Tm^{c}17 Las Angles and found another small site. This had a small piece of Huasteca black on white pottery on it. This site I called Tm^{c}17. Dug around a pit looking for the rest of the pot and the depth of the deposit. Depth: 6 inches, and I didn't find other stuff. Then another 50 yards
Tm^{c}18 along found another small site on the bank of the river, Tm^{c}18, very small.

January 13

Spent the morning talking to officials, etc. Then about 11 o'clock took a ride up along the bank of the river. I took north and west along the bank from the town on the north bank. Small deposits of shell and flint showed up here and there, but the first important one was at Nambo San Jose about 1.5 kilometers from town and which has been worked over part of it.

Tm°2a

About 3 kilo about town on the northeast bank of the river was another site. This was quite productive and is large. Some already on it, but can't tell if they are modern or not. This is on the Club Nambo Los Anglos.

Then I returned from Tm°2a to Tm°1a, walking along the northeast bank of the river.

Tm°1a
Tm°2a

About 800 yards north of Nambo San Jose found one site with what looks like a floor of deposition, and about 500 yards north of the Nambo was another site.

January 14

Started out to see another site and the tendency of this car in this country mirrored us. First I got stuck in part of the river where the Tordinaya enables. Then meant spending an hour in the water and costing 10 pesos. Then, later in the day I got stuck in the gravel in a dry arroyo bed. It took up 8 hours to get out and in the end was necessary to have horses pull us out. 4 horses, 2 men, 50 pesos. Then I paid one guide 10 pesos. Never did get to the site at 7 hours were wasted getting out of places a truck never would get stuck in, 1 hour repairing fan belt of car and 1 hour driving. There sure is dame little profit running this car, scratching like Finish fixeding its motor with water, ruining its tires and abusing its body to pieces when the University of Chicago could loan me well offord a cheap second hand truck that would give me more of this trouble.

Took a picture of a stone mortar found at Tuxtlita by Antonio Balandrano of Soto la Marina.

During the evening Juni Alcorta called on me and asked to take him dying mother to Palo Alto where he could get a ride to Victoria. The car, of course, couldn't work. So [illegible]

January 15

Night rain. Tried to get out of here at reasonable report, but 3 days rain. Got 15 kilo. Stuck in mud for 7 hours. Finally returned to Soto la Marina tired and dirty. I wish I had a truck.

January 16

Rest most of the day as it rained. Late in the afternoon went out to Tm°12 and found another site directly behind Tm°16. This I have called Tm°18.

Tm°16

It is rich in artifacts. It is about 150 meters from the Rio. Then I moved north of Nambo Los Anglos about 800 yards and found a site in the bank of the river, Tm°18. The deposits are about 2 feet under the present surface. Continued northeast about 400 yard north of old [illegible] at Nambo

Tm°18

Tm°17

Los Anglos and found another small site. This had a small piece of [illegible] on right on it. This site I called Tm°17. The [illegible] a pit looking for the rest of the pot and the depth of the deposit. Depth 8 inches, and I didn't find other shelf. Then another 80 yards along found another small site on the bank of the river, Tm°18, very small.

After this I walked about 2 kilo northward along the bank and found nothing. This means I have covered the bank north and west of Soto la Marina for about 5 miles.

On the way back to town about 1 kilo from the edge of town a large arroyo cut back from the river to the road. This went about 150 meters north of
Tm^{C}19 the aerbarey road(made of logs). This was a deposit of shell that extended down about 2 feet. Only 1 artifact was found. In spite of the lack of artifacts I consider this to be Tm^{C}19.

Stuck in the mud again in the car.

January 14

Spent the morning cleaning mud off the car and cleaning out the feed line which had become clogged. Also, spent time getting the car started. Finally by noon this poor car was ready to run.

I then went ~~xxx~~ east of town about 4 kilo along the river and at the Rancho in a plowed field along the edge of the bank found a large site
Tm^{C}20 covering much territory and called Tm^{C}20. The President of Soto la Marina went with me. This site is about 4 kilo from town and might be worth digging I then continued eastward along the bank til we were about 5 kilo from Soto la Marina. At a place called La Pita(a river ford) I found a site along
Tm^{C}21 the trail about 150 meters from the river and about 75 meters from the top of the bank northward. It contained much flint, a few artifacts, practically no shell. All the previous sites have contained much shell.

During the evening I got a letter off to someone in Aquita(near Pesca). It would appear there there are some real ruins there. I have one report that there is a pyramid(from Castengo of Victoria) and from the inhabitants I hear there there are houses of the Indians. It sure is intriguing. The man to ask for is Abelardo Arrellono, and Jose Bayriell, and it is best to look on the ranches La Juita, La Aquita and Debsodero, and particularly the rancho El Toro.

January 15

Cold and wet, rained most of the day. After a couple of futile attempts at writing notes and finding that the coldness and dampness made me acutely uncomfortable I retired to my bed.

January 16

A little rain in the morning but cleared at noon. Decided to leave ~~xx~~ tomorrow. Spent the afternoon changing oil, changing water, and greasing the car. It ought to run tomorrow and with a day of sun the road ought to be possible.

January 17

Started out about 10 o'clock when the roads were dry enough to use. Got 14 kilometers and the car stopped. Tinkered with for an hour, cleaned distributor etc. Finally walked back to Soto la Marina. In the meantime a truck coming from Jiminez stopped, fixed the car and June picked me up at Soto la Marina. Then turned around and drove to Palo Alto and started for Buena Vista. However, stopped shortly as it was dark and the road too sinuous to continue.

After this I walked about 2 kilo northward along the bank and found nothing. This means I have covered the bank north and west of Soto la Marina for about 8 miles.

On the way back to town about 1 kilo from the edge of town a large arroyo cut back from the river to the road. This went about 150 meters north of the cemetery road(made of logs). This was a deposit of small tiles mounded down about 2 feet. Only 1 artifact was found. In spite of the lack of artifacts I consider this to be Ta°13.

Check in the mud again in the car.

January 14

Spent the morning cleaning mud off the car and cleaning out the food line which had become clogged. Also, spent time getting the car aborted. Finally by noon this poor car was ready to run.

I then went back east of town about 4 kilo along the river and as the Ramons in a plowed field along the edge of the bank found a large site covering much territory and called Ta°20. The President of Soto la Marina rent with me. This site is about 4 kilo from town and might be worth digging I then continued eastward along the bank till we were about 8 kilo from Soto la Marina. At a place called La Pita(a river fork) I found a site along the trail about 150 meters from the river and about 75 meters from the top of the bank northward. It contained much flint, a few artifacts, practically no shell. All the previous sites have contained much shell.

During the evening I got a letter off to someone in Aquita(near Pesca). It would appear there are some real ruins there. I have one report that there is a pyramid(from Gastongo of Victoria) and from the inhabitants I hear there are houses of the Indians. It sure is intriguing. The man to ask for is Adelardo Arellano, and Jose Reyfelli, and it is best to look on the ranches La Jutta, La Aquita and Sabaderro, and particularly the rancho El Toro.

January 15

Cold and wet, rained much of the day. After a couple of futile attempts at writing notes and finding that the coldness and dampness made me acutely uncomfortable I retired to my bed.

January 16

A little rain in the morning but cleared at noon. Decided to leave for Tomorrow. Spent the afternoon changing oil, changing water, and greasing the car. It ought to run tomorrow and with a day of sun the road ought to be passible.

January 17

Started out about 10 o'clock when the roads were dry enough to use, but it witnesses and the car stopped. Tinkered with for an hour, cleaned distributor etc. Finally walked back to Soto la Marina. In the meantime a boy coming from Platon stopped, fixed the car and then pissed me as Soto la Marina. Then turned around and drove to Palo Alto and started for Ramon Villa. However, stopped shortly as it was dark and the road too ominous to continue.

January 18

Found a rather extensive deposit of shell on the banks of the Arroyo Jiminez where it is crossed by the road from Palo Alto to Buenavista. Actually
Tm°22 only a few artifacts were found though intermingled with the shell was a great deal of flint. I dug a small test trench on the bank and the depth of the deposits appear to be about 2 feet.

Then continued on to Buenavista and at 1 o'clock ate at the rancho house of Senor Phillen. After lunch the boss Manuel and I carried on our inquisition with cowboys, asking about sites on the ranch. None knew about any. It seems quite likely as no large arroyos bisect this ranch.

After leaving Buenavista the car began acting up. It sputtered and coughed. Unfortunately the road had some impossible(for our low car) parts in it on the short road to Verde, so we had to betreat and go by way of Tancumba. Just outside of Tancumba the car died completely. I examined the motor and other parts and was unable to find the difficulty. Slept 2 kilo south of Tancumba.

January 19

Walked from Tancumba to Verde, 12 kilometers, then took a horse, 15 kilo to Chamal. Mr. Kennedy sent a truck out from Chamal to pick up our equipment. June and I try to start the car - no success.

January 20

Today was Sunday and no mechanics available so the car remained in Tancumba. However, Mr. Kennedy was kind enough to let me use his car to examine the bank of the arroyo near his house where fossils had been found. The deposit contained mainly marine animals and I'm afraid is either Miocene or Pliocene in age. No remains of men.

Then later went to San Patricio where projectile points had been found. The site is on the arroyo next to a windmill and water tank, and part of Kennedy's
Tm°23 ranch. Numerous flints were found and 2 projectile points. Most interesting of all was the almost complete absence of shell. The site from erosion cuts appears to have 6 inches or less in depth and I suspect has been much eroded.

On the way back Kennedy's car broke down but with the aid of a little mechanics, manpower and horsepower we got back to Chamal.

January 21

It was very cold and I have caught a bad cold. Was not able to go to my car as Kennedy's car needed repairs.

January 22

Went out to my car, messed around and tried to get it started - no success. Finally took out fuel pump and found that the diaphragm was broken. Took diaphragm back as well as the fuel pump to Chamal for repairs.

While in Tancumba received information concerning sites on Salido(.5 kilo north of Tancumba) and at Piniuta(2 kilo west of Tancumba) from Senor Dorihero Revino.

In the evening wrote up notes and prepared to analyze thoroughly materials thus far found.

January 23

Returned to car, got it working after 5 hours. Took it back to Chamal, fixed brakes, pump, removed filter, greased car, put distilled water in the battery (all this with Pablo's help). Did some analysis of Pueblo ceramics. Cold as usual.

January 18

Found a rather extensive deposit of shell on the banks of the Arroyo Timlaca where it is crossed by the road from Palo Alto to Buenavista. Actually only a few artifacts were found though interesting site shell was a great deal at first. I dug a small test trench on the bank and the depth of the deposits appear to be about 2 feet.

Then continued on to Buenavista and at 1 o'clock ate at the ramada house of Senor Pallien. After lunch Don Jose Manuel and I carried on our (animal)ation with anchovy, asking about sites in the region. None seem about any. It seems quite likely as no large arroyos discect this region.

After leaving Buenavista the car began acting up. It sputtered and stopped. Unfortunately the road had some impassible(for our low car) parts left on the short road to Verde, so we had to backout and go by way of Tancumba. Just outside of Tancumba the car died completely. I examined the motor and other parts and was unable to find the difficulty. Slept 2 kilo south of Tancumba.

January 19

Walked from Tancumba to Verde, 12 kilometers, then took a horse, 16 kilo to Chemul. Mr. Kennedy sent a truck out from Chemul to plow up our equipment. Then and I try to start the car - no success.

January 20

Today was Sunday and no mechanics available so the car remained in Tancumba. However, Mr. Kennedy was kind enough to let me use his car to examine the bank of the arroyo near his house where fossils had been found. The deposit contained mainly marine animals and I'm afraid is either Miocene or Pliocene in age. No remains of men.

Then later went to San Patricio where projectile points had been found. The site is on the arroyo next to a windmill and water tank, and part of Kennedy's ranch. Numerous flints were found and 2 projectile points. Most interesting of all was the almost complete absence of shell. The site from erosion only appears to have 6 inches or less in depth and I suspect has been much eroded.

On the way back Kennedy's car broke down but with the aid of a little mechanics, manpower and horsepower we got back to Chemul.

January 21

It was very cold and I have caught a bad cold. Was not able to go to my car as Kennedy's car needed repairs.

January 22

Went out to my car, messed around and tried to get it started - no success. Finally took out fuel pump and found that the diaphragm was broken. Took diaphragm back as well as the fuel pump to Chemul for repairs.

While in Tancumba received information concerning sites on Salido(.5 kilo north of Tancumba) and at Platuk(2 kilo west of Tancumba) from Senor Gastano Tavino.

In the evening wrote up notes and prepared to analyze thoroughly materials thus far found.

January 23

Returned to car, got it running after 2 hours. Took it back to Chemul, fixed brakes, pump, removed filter, greased car, put distilled water in the battery

January 24 - Finished analysis of Peublito pottery. The report on this pottery to be found on the following page. Went to San Antonio and got a few projectile points. Numbered the site wrong.

Tm^c26 On the north bank of the arroyo just east of San Antonio. This is a small site with little shell and much flint.

January 25 - Packed the car, filled it with gas, packed the ceramics from Pueblito and also finished the trade/ sherd study of the Kinkaid site. Tomorrow I leave.

January 26 - Took a horse along the arroyo from Chamal to Cataño. No site found. Left Chamal for La Aquita.
Tm^c24 At Cariso around the house I found a site. It has been pretty well trampled by cattle.

Tm^c25 Down the road along the arroyo bank and on the south side of the road found a rather large site. The deposits here extend down 2 feet.

Went to La Aquita. The road was lousy. The man who owned the horses was not at home. I will return tomorrow. Went to San Anrigue for the night.

January 27 - Went to La Aquita - no site. Saw stuff from Mission on El Tora. This is very/ late Colonial type materials - circa 1800 to 1850. Received news of a San Antonio site. Continued on to La Quitas. From there
Tm^c27 I went to Viego Marina. It is the original town of Soto la Marina, overgrown with jungle. However, it must have been quite a town. Amid the Spanish ruins were flint chips, etc. My guide said that he believed that this town was an Indian site before the Spanish settled here. It is possible and I will check with Saldivar or Reyes.

After crawling around in the bush for three hours returned toward San Anriguer. At the dry lake just east of San Enrigue I stopped and looked along its bank. Shell deposits and chips of flint may be found all along the
Tm^c28 north bank. However, I only found projectile points at one place. This was above the highest stone bank on the N.N.W. side of the lake. I gave this portion the site number Tm^c28

Returned to San Enrigue. The local school teacher will visit tomorrow at 10:30 and the people here believe he knows more sites. Saldivar is at Soto la Marina on his vacation and may come here.

January 28 - Waited for the professor. One of the Brevanisto tiger hunt party flew in my mail. Blew a tire. Decided to try to get out and get another tire quickly. Found a
Tm^c29 site 200 feet south of the most southwestward house in Repello. Will examine and describe it at greater length later. Got out to Jiminez driving the last 15 miles in a slow drizzle of rain and fog. Damn lucky I got out in

January 24 - Finished analysis of Fewbilito pottery. The report on this pottery to be found on the following page. Went to San Antonio and got a few projectile points. Numbered the site wrong.

$Tm^{C}24$ On the north bank of the arroyo just east of San Antonio. This is a small site with little shell and much flint.

January 25 - Packed the car, filled it with gas, packed the ceramics from Fewbilito and also finished the tracky sheet study of the Kinkaid site. Tomorrow I leave.

January 26 - Took a horse along the arroyo from Chamal to Catabe. No site found. Left Chamal for La Aguita.

$Tm^{C}24$ At Carino around the house I found a site. It has been pretty well trampled by cattle.

$Tm^{C}25$ Down the road along the arroyo bank and on the south side of the road found a rather large site. The deposits here extend down 2 feet.

Went to La Aguita. The road was lousy. The man who owned the horses was not at home. I will return tomorrow. Went to San Antigue for the night.

January 27 - Went to La Aguita - no site. Saw stuff from Mission on Mt Tore. This is very late Colonial type materials - circa 1800 to 1850. Received news of a San Antonio site. Continued on to La Quitas. From there

$Tm^{C}27$ I went to Tiago Martina. It is the original town of Nuevo la Martina, overgrown with jungle. However, it must have been quite a town. Amid the Spanish ruins were flint chips, etc. My guide said that he believed that this town was an Indian site before the Spanish settled here. It is possible and I will check with Baldivar or Reyes.

After crawling around in the bush for three hours returned toward San Antigue. At the dry lake just east of San Antigue I stopped and looked along its bank. Shell deposits and chips of flint may be found all along the

$Tm^{C}28$ north bank. However, I only found projectile points at one place. This was above the highest stone bank on the N.W. side of the lake. I gave this portion the site number $Tm^{C}28$

Returned to San Antigue. The local school teacher will visit tomorrow at 10:30 and the people here believe he knows more sites. Baldivar is at Nuevo la Martina on his vacation and may come here.

January 28 - Waited for the professor. One of the Tevanista tiger hunt party flew in my mail. Flew a tire. Decided to try to get out and get another tire quickly. Found a

$Tm^{C}29$ site 800 feet south of the most northwestward house in Hapello. Will examine and describe it at greater length later. Got out to Linares driving the last 15 miles in

time. Found at Jiminez that the road from San Fernando to Matamoros was impassable as it had been raining off and on for eight days. Back tracked and went by way of Monterry.

January 28 - Arrived in Brownsville at 6 P.M. Have driven for 25 hours straight. Enough said. No film, but I think I can get a tire.

January 29 - Got 2 brand new tires, bought groceries, had the car greased, oiled, etc. Am ready to leave tomorrow. Wrote letter.

January 30 - Wrote a report to Cole. Wrote to Griffin about job and seeing me. Wrote Krieger and Ekholm. Wrote Palacios for permission to explore Sierra de Tamaulipas and Rio de Palmas. Wrote Naplan. Obviously, it rained like hell all day so I couldn't leave Brownsville.

Made an appointment with Tony Lollum for the 20th. He says he can show me all the sites north of St. Teresa in 3 days.

January 31 - Drove from Malanoros to San Fernando over very treacherous wet roads. Ate lunch in San Fernando. Stopped at San Jose de la Maria in the afternoon to check up on the report of large bones. Was shown the bones and they are mammoth. Looked at strata where they came from and there are no human remains. This should be further investigated.

300 yards directly east of the town of Noria, however, is a site. Went there and collected materials. It is about
Tm^c30 150 yards north of Arroyo Cotheras. Arrived in Abasalo at night. Had a flat. No gas available. Felt ill during the night.

February 1 - It rained. I felt ill and stayed in bed all day. I have either dysentery or intestinal flu.

February 2 - Got up early and walked with Malitda Cardenes to a site he said was on a lake just north of the river. After an hour of walking we crossed the river. Too late to
Tm^c31 return. These sites are located 3 kilo east of Abasalo
Tm^c32 and 2 kilo south on the banks of an old lake. Tm^c31 is on the north side while Tm^c32 is on the side.

After this walk I felt pretty woozy, Fainted once, but since the day was good drove on to Repello. There I
Tm^c29 looked over Tm^c29 again. Within one hour's time I collected a terrific amount of stuff. On the hillside
Tm^c33 just south of the road as you leave Repello I found Tm^c33.

Drove to Chamal. Had a bite to eat. Too ill to continue. I have the flu. Ran a fever, chills, dysentery(diarrhea), etc.

time. Found at Jimlox that the road from San Fernando to Matamoros was impassable as it had been raining off and on for eight days. Went traveled and went by way of Monterrey.

January 28 - Arrived in Brownsville at 8 P.M. Have driven for 28 hours straight. Enough said. No fun, but I think I can get a tire.

January 29 - Got 2 brand new tires, bought groceries, had the car greased, oiled, etc. Am ready to leave tomorrow. Wrote letter.

January 30 - Wrote a report to Cole. Wrote to Griffin about job and seeing me. Wrote Krieger and Kholm. Wrote Palaeige for permission to explore Sierra de Tamaulipas and Rio de Palmas. Wrote Hapjan. Obviously, it rained like hell all day so I couldn't leave Brownsville.

Made an appointment with Tony Lollum for the 30th. He says he can show me all the sites north of Ft. Texas in 5 days.

January 31 - Drove from Matamoros to San Fernando over very treacherous wet roads. Ate lunch in San Fernando. Stopped at San Jose de la Mesta in the afternoon to check up on the report of large bones. Was shown the bones and they are mammoth. Looked at sites more they came from and there are no human remains. This should be further investigated.

$Tm^{G}30$ 300 yards directly east of the town of Morla, however, is a site. Went there and collected materials. It is about 180 yards north of Arroyo Colmarse. Arrived in Reynosa at night. Had a flat. No gas available. Built ill during the night.

February 1 - It rained. I felt ill and stayed in bed all day. I have either dysentery or intestinal flu.

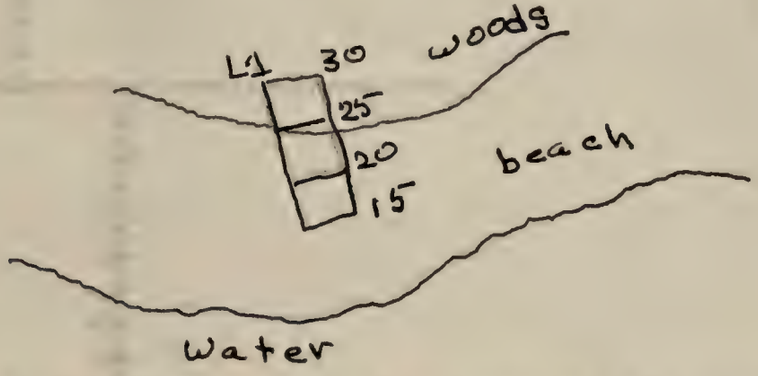
February 2 - Got up early and walked with Matilda Cardenas to a site he said was on a lake just north of the river. After an hour of walking we crossed the river. Too late to $Tm^{G}32$ return. These sites are located 8 kilo east of Reynosa $Tm^{G}32$ and 2 kilo south on the banks of an old lake. $Tm^{G}31$ is on the north side while $Tm^{G}32$ is on the south side.

After this walk I felt pretty weary, Rained once, but since the day was good drove on to Hepello. There I $Tm^{G}32$ looked over $Tm^{G}32$ again. Within one hour's time I collected a terrific amount of stuff. On the hillside $Tm^{G}33$ just south of the road as you leave Hepello I found $Tm^{G}33$.

Drove to Chemal. Had a bite to eat. Too ill to continue. I have the flu. Ran a fever, chills, dysentery(diarrhea), etc.

February 3 - Arrived at La Pesca about noon. Felix Peña not here. However, Meltero Contery, an old resident, knew of an island in the center at the mouth of the river. A little north of the center we found the island called Insulada Piedra de Lumbre. Rented a motor boat
Tm^{c}34 and visited it. Sherds of Tancol V and possibly Huasteca V or VI were all about the shell covered beach of this island. I have decided to investigate this island further. Shall return tomorrow with 2 workers.

February 4 - The archaeological problems posed by the materials found on this island was: Does the island represent a camping spot or a permanent habitation site of tribes found further to the south(Tancol) or are these materials (sherds) merely the remains of objects which were traded to the inhabitants in this area. The method for solving this problem was by excavation. A spot with both the beach and the highest part of the island was chosen. A 15 foot beach 5 feet wide was staked out. The trench extended from the shell covered beach to the 5 post at the
Tm^{c}34 edge of the flat top of the island. A map was made and elevations were taken. (See the following page) Photographs were taken before excavation. The 0(number axis) ran 15 degrees south of the east-west axis(magnetic north being used to establish this axis). The first square opened was 0-15, the second 0-20, and the third 0-25. Roughly it was like this:



The top surface of all squares consisted of layers of shell. However, it soon became apparent that the strata of shell were horizontally deposited while the slope of the beach was not. Therefore, the first level of square 15 was equivalent to level 3a of square 3(a). All levels were 1 foot levels as the materials found were sparse.

H.I. - 4 feet 1 inch.
Datum depths for a map were taken.

Station	Direction	Distance	Datum depth
stake 0-5	214 degrees	24.5	8.1
0-25	163	8.4	5.2
0-30	129	8.5	4.1½

February 3 - Arrived at La Perca about noon. Felix Pena not here. However, Moltero Contery, an old resident, knew of an island in the center at the mouth of the river. A little north of the center we found the island called Insulada Piedra de Lumbre. Rented a motor boat and visited it. Sherds of Tanoal V and possibly Nuestoco V or VI were all about the shell covered beach of this island. I have decided to investigate this island further. Shall return tomorrow with 2 workers.

February 4 - The principal physical problem posed by the materials found on this island was: Does the island represent a camping spot or a permanent habitation site of tribes found further to the south(Tanoal) or are these materials (sherds) merely the remains of objects which were traded to the Jula Istuta in this area. The method for solving this problem was by excavation. A spot with both the beach and the highest part of the island was chosen. A 15 foot beach 3 feet wide was staked out. The trench extended from the shell covered beach to the S post at the end edge of the flat top of the island. A map was made and elevations were taken. (See the following page) Photographs were taken before excavation. The O(number axis) ran 15 degrees south of the east-west axis(magnetic north being used to establish this axis). The first square opened was O-15, the second O-20, and the third O-25. Roughly it was like this:

The top surface of all squares consisted of layers of shell. However, it soon became apparent that the strata of shell were horizontally deposited while the slope of the beach was not. Therefore, the first level of square 15 was equivalent to level 5a of square 5(s). All levels were 1 foot levels as the materials found were sparse.

N.I. - 4 feet 1 inch.
Datum depths for a map were taken.

Stratum	Direction	Distance	Datum Depth
Sherds O-5	11s degrees	5m.4	4.1
O-25	165	6.4	5.2
O-30	189	8.5	4.1½

Station	Direction	Distance	Datum Depth
1	222 degrees	36.3	10.3
2	269	28.11	10.10
3	267	17.70	47.9
4	150	40	4
5	115	78	5'2"
6	330	27	4'2"
7	352	42	4'1"
8	228	41	10.2
9	340	48	10.3
10	15	58	10.8

Took a photograph before excavation

February 5 - Returned the second day by boat. The wind was up and we really had a rough ti-e of it. The stratigraphy of the top layers of the shell deposit became apparant. The stratigraphy was as follows:

Tm^{c}34

(a) Square 25 - Level 1 - 1 foot
(b) Square 25 - Level 2 - 1 foot and note: this and level 1 of Square 20 are equivalent.
(c) Square 25 - Level 3 and Square 20 - level 2 are the same
(d) Square 25 - Level 4(a) and Square 20 - Level 3(a) and Square 15 - level 1 are equivalent
(e) Square 25 - level 4b, square 20 - level 3b and square 15, level 2 are equivalent
(f) Square 25 - level 4 c, Square 20 - level 3c and square 15, level 3: most of this was sterile.

The only feature found was a small hearth in square 20 outlined by charcoal.

February 6 - Returned and finished up the square. It was very cold, wet and windy. Got a photograph of the entire O-axis from 15 to 30. Went over the island. Directly east of this area found flint chips and 2-3 pieces of pottery - possibly

Tm^{c}35 modern.

Returned to La Pesca wet, and tired. Made some attempts to repair the car battery.

Took the measurements for a profile drawing. See the following page. Did this in terms of datum depths for tying it in with the map.

the bottom level of square 15	-	7'7"
bottom of level 2, square 20	-	6'9"
bottom of level 1, square 20	-	6'2"

Measurements for profile drawing:

Stake	bottom of shell	bottom of dirt	bottom 2 layer shell - trench
15	14"	16½" refuse	2'1"

Station	Direction	Distance	Datum Depth
1	282 degrees	20.3	10.3
2	269	28.11	10.10
3	267	17.90	4'7.9
4	180	40	4
5	115	78	8'8"
6	350	87	4'8"
7	352	42	4'1"
8	208	41	10.8
9	340	48	10.3
10	15	38	10.8

Took a photograph before excavation

February 5 - Returned the second day by boat. The wind was up and we really had a rough time of it. The stratigraphy of the top layers of the shell deposit became apparent. The stratigraphy was as follows:

(a) Square 25 - Level 1 - 1 foot

(b) Square 25 - Level 2 - 1 foot and note: this and level 1 of Square 20 are equivalent.

(c) Square 25 - Level 3 and Square 20 - Level 2 are the same

(d) Square 25 - Level 4(a) and Square 20 - Level 3(a) and Square 15 - Level 1 are equivalent

(e) Square 25 - Level 4b, square 20 - Level 3b and square 15, Level 2 are equivalent

(f) Square 25 - Level 4 c, Square 20 - Level 3c and square 15, Level 3: most of this was sterile.

The only feature found was a small hearth in square 20 outlined by charcoal.

February 6 - Returned and finished up the square. It was very cold, wet and windy. Got a photograph of the entire 0-axis from 15 to 30. Went over the island. Directly east of this area found flint chips and 2-3 pieces of pottery - possibly modern.

Returned to Le Force wet, and tired. Made some attempts to repair the car battery.

Took the measurements for a profile drawing. See the following page. Did this in terms of datum depths for tying it in with the map.

the bottom level of square 15 - 7'7"
bottom of Level 2, square 20 - 6'9"
bottom of Level 1, square 20 - 6'2"

Measurements for profile drawing:

Stake	bottom of shell	bottom of dirt	bottom 2 layer shell - trench
15	14"	16½" refuse	8'1"

Stake	bottom of shell	bottom of dirt	bottom 2 layer of shell	bottom of trench
20	14"	16½"	20	2'5"
25	2'2"	2'5½"	2'7"	3'6"
30	3'2"	3'4½"	3'0"	4'5"
30 L 1	3'9"	none		4'4"
25 L 1	2'8"	2'9½"	3'½"	3'8½"
20 L 1	1'1½"	1'3"	1'4"	2'½"
15 L 1	9"	11"	1'3"	2'

February 7 - Went out from La Pesca to a large island in the center of the Laguna que just east of La Pesca. Walked around the whole island and was rewarded for my
Tm^c36 effort by finding a few flint chips on the bank of the south-west side of the island. No artifacts were found but I am calling this site Tm^c36.

Catalogue of Tm^c34

Tm^c24 - surface
-p1 - square 15, level 1
-p2 - square 15, level 2
-p3 - square 20, level 1
-p4 - square 20, level 2
-p5 - square 20, level 3a
-p6 - square 20, level 3b
-p7 - square 20, level 3c
-p8 - square 25, level 1
-p9 - square 25, level 2
-p10 - square 25, level 3
-p11 - square 25, level 4

February 8 - Drove from La Pesca to Tancomba. Went out from beach looking for a site - no go. Went to San
Tm^c26 Antonio and revisited Tm^c26. This was a mistake.

February 9 - Tancumba to Salada and from there to Loreto to San Fernando

Tm^c37 At the first arroyo directly north of I found the remains of one small site. It was on the north bank bisected by the road to Salado.

Tm^c38 At Salado I was directed to a site just north of town and just east of the arroyo(also, had gas cap stolen). It was a very extensive site and although erosion has taken its toll it might be worth digging. Hurried through Loreto and Temaxal. Told of a site along the coast - but have no gas to use to visit it.

Stake	bottom of shell	bottom of dirt	bottom 2 layer of shell	bottom of trench
20	14"	16½"	20	2'8"
15	2'2"	2'8½"	2'4"	3'0"
20	3'2"	3'4½"	3'0"	4'8"
20 E 1	3'0"	none		4'4"
25 E 1	2'8"	2'9½"	3'½"	3'8½"
20 E 1	1'1½"	1'3"	1'4"	2'½"
15 E 1	0"	11"	1'2"	2'

February 7 - Went out from La Paseo to a large island in the center of the Lagoon. Walked around the whole island and was rewarded for my effort by finding a few flint chips on the bank of the south-west side of the island. No artifacts were found but I am calling this site Tm°58.

Tm°54

Explanation of Tm°54

Tm°54 - surface
-p1 - square 15, level 1
-p2 - square 15, level 2
-p3 - square 20, level 1
-p4 - square 20, level 2
-p5 - square 20, level 3a
-p6 - square 20, level 3b
-p7 - square 20, level 3c
-p8 - square 25, level 1
-p9 - square 25, level 2
-p10 - square 25, level 3
-p11 - square 25, level 4

February 8 - Drove from La Paseca to Tamcumbe. Went out from beach looking for a site - no go. Went to San Antonio and revisited Tm°56. This was a mistake.

Tm°56

February 9 - Tamcumbe to Salado and from there to Loreto to San Fernando

At the first arroyo directly north of I found
Tm°57 the remains of one small site. It was on the north bank bisected by the road to Salado.

Tm°58 At Salado I was directed to a site just north of Lara and just east of the arroyo(also, bad gas can stolen). It was a very extensive site and although erosion has taken its toll it might be worth digging. Hurried through Loreto and Tamacal. Laid of a site along the road - Did have no gas to use to visit it.

February 10 - San Fernando

February 11 - After repairing the flywheel pan we took off from San Fernando on the way to La Piedra. Searched around La Piedra with no success. Then continued to Buenavista. No success. Our guide about now was proving totally useless. Continued on to Santa Fe. Then on to the San Fernando. Walked a lot, talked a lot, listened a lot. 12 hours work and nothing to show for it. Returned to San Fernando.

February 12 - Something is wrong with the gear shift, but after tinkering with it it worked. By afternoon ~~xxkxm~~ took off for San Jose de la Maria. Stopped at the arroyo Chamas, walked 2 miles west of the highway along
Tm^c39 the arroyo inspecting the walls with no success. Returned to La Maria and was guided to Site Tm^c39. It is 1 kilometer east of the highway and about ½ north of the arroyo, on the complete summit of the hills parallelling the stratum. Further inspected some large bones from the arroyo and am convinced that it is a mammoth. Spent the evening packing and preparing for the trip to the coast.

February 13 - Had to tape the water hoses as they were leaking badly. Then was able to take off. The road tb Reconada was very bad. It was necessary to fix the fly wheel pan twice. Finally made a ranch near Pedrena by night. Had two reports of sites. One on the old ranch, the other next to Chores del Nido contained shell but no artifacts. Had to cut trees down so could get through.

February 14 - Between Endrente and Pedreno found two sites in the morning - Tm^c40 and Tm^c41. Tm^c41 was situated about
Tm^c40 ¼ mile north of Pedreno on both sides of the road. Tm^c40 was situated ¾ mile north of Pedreno and on the east side
Tm^c41 of the road. It was next to a fence enclosing a cornfield. Continued eastward and at discovered another site. It was 1 kilometer S.S.E. of town and only 400 meters
Tm^c42 from the arroyo.

About 4 o'clock in the afternoon after having cut a road I arrived at La Barra. From there I received instructions to go to Ajo de Aqua and see an old man who knew the territory named . This old man took me in
Tm^c43 to the bay 3 kilo E.N.E. Here, at the highest point near the bay, I found a site with a little pottery, a burial which had been reinterred with a cross put over it and tiny triangular projectile points.

Then the old man and I walked ½ mile southward along an inlet and found a site with more pottery, a few points and a definite layer of shell midden about 1½ feet below the
Tm^c44 surface. I will return to this site on the Loreto trip and put in a test trench.

February 10 - San Fernando

February 11 - After repairing the flywheel pan we took off from San Fernando on the way to La Piedra. Searched around La Piedra with no success. Then continued to Inenavitas. No success. Our guide about now was proving totally useless. Continued on to Santa Fe. Then on to San Fernando. Walked a lot, talked a lot, listened a lot. 12 hours work and nothing to show for it. Returned to San Fernando.

February 12 - Something is wrong with the gear shift, but after tinkering with it it worked. In afternoon taken took off for San Jose de la Sierra. Stopped at the arroyo Chamas, walked 2 miles west of the highway along the arroyo inspecting the walls with no success. Returned to La Paria and was guided to Site $Tm^{C}39$. It is 1 kilometer east of the highway and about ½ north of the arroyo, on the complete summit of the hills paralleling the stratum. Further inspected some large bones from the arroyo and am convinced that it is a mammoth. Spent the evening packing and preparing for the trip to the coast.

February 13 - Had to tape the water hoses as they were leaking badly. Then was able to take off. The road to Hacienda was very bad. It was necessary to fix the fly wheel pan twice. Finally made a ranch near Cadenas by night. Had two reports of sites. One on the old ranch, the other next to Chorros del Rido contained shell but no artifacts. Had to cut trees down so could get through.

February 14 - Between Ludwente and Pedrano found two sites in the morning - $Tm^{C}40$ and $Tm^{C}41$. $Tm^{C}41$ was situated about
$Tm^{C}40$ ½ mile north of Pedrano on both sides of the road. $Tm^{C}40$ was situated ½ mile north of Pedrano and on the east side
$Tm^{C}41$ of the road. It was next to a fence enclosing a cornfield.
Continued eastward and at discovered another
$Tm^{C}42$ site. It was 1 kilometer S.S.E. of town and only 400 meters from the arroyo.

About 4 o'clock in the afternoon after having cut a road I arrived at La Parra. From there I received instructions to go to Ajo de Agua and see an old man who knew the territory named . This old man took me in
$Tm^{C}43$ to the bay 3 kilo N.N.E. Here, at the highest point near the bay, I found a site with a little pottery, a burial which had been reinterred with a cross put over it and tiny triangular projectile points.

Then the old man and I walked ½ mile southward along an inlet and found a site with more pottery, a few points and a definite layer of shell midden about 1½ feet below the
$Tm^{C}44$ surface. I will return to this site on the forests trip and put in a test trench.

We then went out to an island directly east of Tm^c43.
Tm^c45 Found projectile points, flint and shell and a little pottery.

All these sites are in the delta of the Arroyo Cocheras. The island further out is reported to have more materials, however it is impossible to get to it.

Slept in the stable of the old man's place.

February 15 - This was completely discouraging day. Started off by getting lost and after finally reaching a ranch I got stuck in the mud. At last I arrived at Cameras. There I was informed of three sites. I visited all three, getting stuck in the sand at one of them. No sites, no nothing. Finally arrived at Casbonera. Slept there in the house of the patron.

February 16 - After interviewing most of the town of Carbonera I left for Los Adjontas. At only one ranch did I receive any information of importance but could get no guide. The ranch was San Jose de Buenavista.

Finally arrived at the Chalon at Las Adjontas. There the man who ran the ferry showed real signs of intelligence. He knew of sites and arranged for a guide.

February 17 - Early in the morning I went out to a bay directly north of the Rio San Fernando into which another river(which has a ferry) empties. At this point between the two rivers I found two sites. On the south side of the point I found
Tm^c46 Tm^c46. It was a small site with pottery and flint. On the point I found another site. Artifacts were exceedingly scarce, though I did find part of a molcajete with solid
$Tm^{mc}47$ conical feet. However, the most important find at this site was the remainder of four burials. Two had been completely eroded out. A third was exposed and disintegrating but had obviously been interred in a flexed position, head facing toward the east and interred without artifacts. The fourth one was better. Only a few skull bones were
Burial 1. exposed.

When I started to excavate I found it necessary to drive the car rear. June drove it for me. There was a cave-in and so I spent the remainder of the afternoon fixing the car.

February 18 - In the morning we were planning to go to the island, but the car was in bad shape so decided not to try it. Instead crossed the ferry over and explored
Tm^c48 the bank just opposite Tm^c47 and found the blown out remains of another camp.

February 15 - This was a completely discouraging day. Started off by getting lost and after finally rescuing a ranch I got stuck in the mud. At last I arrived at Cameras. There I was informed of three sites. I visited all three, getting stuck in the sand at one of them. No sites, no nothing. Finally arrived at Carbonera. Slept there in the house of the patron.

February 16 - After interviewing most of the town of Carbonera I left for Las Adjuntas. At only one ranch did I receive any information of importance but could get no guide. The ranch was San Jose de Buenavista.

Finally arrived at the Chalon at Las Adjuntas. There the man who ran the ferry showed real signs of intelligence. He knew of sites and arranged for a guide.

February 17 - Early in the morning I went out to a bay directly north of the Rio San Fernando into which another river(which has a ferry) empties. At this point between the two rivers I found two sites. On the south side of the point I found Tm^{C}44. It was a small site with pottery and flint. On the point I found another site. Artifacts were exceedingly coarse, though I did find part of a molcajete with solid conical feet. However, the most important find at this site was the remainder of four burials. Two had been completely eroded out. A third was exposed and disintegrating but had obviously been interred in a flexed position, head facing toward the west and interred without artifacts. The fourth one was better. Only a few skull bones were exposed.

Tm^{C}47

Burial 1.

When I started to excavate I found it necessary to drive the car near. Dune drove it for me. There was a cave-in and so I spent the remainder of the afternoon fixing the car.

February 18 - In the morning we were planning to go to the island but the car was in bad shape so decided not to try it. Instead crossed the ferry over and explored the bank just opposite Tm 47 and found the blown out remains of another camp.

Tm^{C}46

Then returned to Tm^m47 and exposed burial 1. It was a tightly flexed burial with the head to the N.W. It was in a shallow pit and was completely without artifacts. Took a photograph of it. Preserved the bones.

Tm^m47 Burial 1.

At the ranch just west of Las Adjustas was shown and given points from a site near the house. The car was too bad a shape to go and examine it. Will return. in

Tm^c49

The gear shift of the car has gone bad. It started to rain. The food was all gone. Fled for San Fernando. There is a terrible knock in the motor. Probably the valves need grinding. 1 mile from Las Adjantas the gear shift stuck in high and would not shift to action gear. Nursed the car along riding clutch - the hard sand doing it no good. I thought a lot of things about the University of Chicago and about my lack of sense in tackling a country like this without proper running stock.

Finally hobbled into San Fernando - dirty, tired, discouraged and hungry.

February 19 - Took the car to the local garage at San Fernando. They knew nothing about gear shift. Finally I took it apart and using a struck gear shift as a guide I fixed it. Then started off for Brownsville and repairs.

Had two flat tires on the way. Also the feed line clogged. The motor sounds really bad. The gear shift broke twice as one part is very worn. Finally hobbled into a garage in Brownsville for repairs. 2 miles further and I would not have made it.

There I had letters from Griffin and Krieger telling me that tomorrow there would be a little conference at Austin with Orr, Stoneall, Kelly, Campbell, Krieger and Griffin. Both asked me to bring my stuff. Also was told that thanks to my having made the arrangements Anderson's stuff was at the University of Texas.

Was lucky and caught a plane ride free to San Antonio and then took the bus to Austin. There was and got a hotel room.

Car will not be ready until the 23rd. This I doubt.

February 20 - Krieger and I hauled all my stuff to the Museum at the University of Texas. I will store it here until the expedition is finished and I am ready to take it to Mexico City.

June and I spent the day cateloguing and numbering all specimens. The gang didn't arrive until that evening.

Then returned to $Tm^{E}47$ and exposed burial 1. It was a
$Tm^{E}47$ slightly flexed burial with the head to the N.E. It was
burial 1. in a shallow pit and was completely without artifacts.
Took a photograph of it. Preserved the bones.

$Tm^{E}48$ At the ranch just west of Las Adjuntas was given and given
points from a site near the house. The car was too bad a
shape to go and examine it. Will return. in

the gear shift of the car has gone bad. It started to rain.
The road was all gone. Mud for ten Fernando. There is a
terrible knock in the motor. Probably the valves need
grinding. 1 mile from Las Adjuntas the gear shift stuck
in high and would not shift to action gear. Burned the
car along riding clutch - the hard sand doing it no good.
I thought a lot of things about the University of Chicago
and about my lack of sense in tackling a country like this
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and hungry.

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Was lucky and caught a plane ride free to San Antonio and
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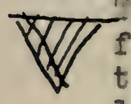
the University of Texas. I will store it here until the
expedition is finished and I am ready to take it to Mexico
City.

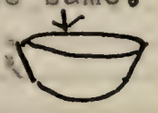
June and I spent the day cataloguing and numbering all
specimens. The gang didn't arrive until that evening.

February 21 - June and I finished cateloguing stuff. Then showed it to the boys. The idea of a Tancol-Huasteca camp so far north came as a bit of a surprise to them. Also, the engraving in period V was the first instance of its appearing this late.

Krieger, on seeing the Pueblito materials, immediately took me out and showed me the Alto focus stuff. The Pueblito engraved triangle surrounding the rim is exactly the same.



The dominance of the coronated bowl, the ring and round, flat bottoms were other similarities. The brushing technique for making designs was exactly the same. The low, straight-sided round bottomed bowls were the same. Round solid conical feet, although rare in Alto have been found. Also, a carved stone effigy, definitely Mexican has been found at the Alto mound. Alto materials, incidentally, have been found south of Waco and just north of Houston. Not Far!!! Krieger echoed Ekholm's wish - explore the Sierra de Tamaulipas.



Kelly looked at the projectile points several times. Came to the conclusion that most sites were late and Cushuiltecan. I will have to spend more time with him.

Had cocktail party at McAllister's house.

February 22 - Mainly went over Orr's stuff. Looked at Campbell's stuff from Galv . Neither gave me satisfaction.

Orr told me he has been hired to teach archaeology at the University of Chicago next year. Recommended that I get my Doctor's degree quickly. Though Orr is an up and coming young chap I rather believe that Dr. Cole could and should have gotten a man with more of a name and more leadership ability and one who was a better field man.

Incidentally Stoveall and Griffin both talked about the job now open at the University of Oklahoma. Griffin says it pays about $3500 a year. There is little teaching tied up with it and publication on Oklahoma archaeology is important. Cole better talk turkey if he wants me on the Kincaid report. I wonder why he didn't tell me about the Orr appointment.

Left for Brownsville on a slow Texas train. It was a terrible ride.

February 23 - Spent the day recovering from the train ride. Car not ready. Repairs will cost about $50.

February 24 - Spent the day writing letters. Wrote the mid-season report. Sent copy to Ekholm for Antiquity. Another copy to Mason and one to Cole. Also, received note from Mexico saying that I have permission to explore Canyon Diablo and Rio de las Palmas. In the light of this fact asked Dr. Cole for more money.

Car not ready.

February 21 - Dave and I finished measuring stuff. Then
showed it to the boys. The late PM Inspection came
so far north came as a bit of a surprise to them. Also,
the engraving in period V was the first instance of its
appearing this late.

Krieger, on seeing the Pueblito material, immediately took
me out and showed me the Alto focus stuff. The Pueblito
engraved triangle surrounding the rim is exactly the same.
The dominance of the coronated bowl, the ring and round,
flat bottoms were other similarities. The burnishing
technique for marking designs was exactly the same. The
low, straight-sided round bottomed bowls were the same.
Round solid conical feet, although rare in Alto have
been found. Also, a carved stone effigy, definitely
Mexican has been found at the Alto mound. Alto ma-
terials, incidentally, have been found south of
Waco and just north of Houston. Not Far!!! Krieger
coined Kubler's wish - explore the Sierra de Tamaulipas.

Kelly looked at the projectile points several times. Came to
the conclusion that most sites were late and Caddoan.
I will have to spend more time with him.

Had cocktail party at McAllister's house.

February 22 - Mainly went over Orr's stuff. Looked at Campbell's
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about $3500 a year. There is little teaching tied up with it
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better talk turkey if he wants me on the Kincaid report.
I wonder why he didn't tell me about the Orr appointment.

Left for Brownsville on a slow Texas train. It was a terrible
ride.

February 23 - Spent the day recovering from the train ride. Car
not ready. Repairs will cost about $80.

February 24 - Spent the day writing letters. Wrote the mid-season
report. Sent copy to Dobyns for Antiquity. Another copy to
Eason and one to Cole. Also, received note from Mexico saying
that I have permission to explore Canyon Diablo and Ito de
las Palmas. In the light of this fact asked Dr. Cole for
more money.

February 25 - Car not ready. Figured out financial report and added up receipts. Had $1726 accounted for; $80 in cash, and $200 in the bank. I have spent $1400 of my own money that I have not kept receipts on.

Wrote to Krieger, family, etc. Got Rueblito pottery report from Kaplan.

February 26 - Car ready. It really sounds good. Got supplies for next trip out. Went with Champion to 3 sites out on the Boca Chica road. Got a few specimens. Two sites similar to the old Cayo culture of Anderson. Burials at back.

The third site was the burial of a modern Negro, probably from the Civil War,

Also talked to Lang and Louis Lollum and arranged trip on March 3rd to Anderson's site in Mexico. These two were Anderson's guides into the Rio Grande delta region for 25 years.

Decided to try to see sites between Corpus Christie and Brownsville, to see how far Mexican influences extended into Cameron county. Also, in this way I could profitably wait for Lollums. Further, Glen Davis of Austin had recommended people who might know of stuff in this region.

June and I both sick. Went to the doctor about the dysentery we have.

February 27 - Drove to Raymondville. Much palabra but no sites or collectors. Ran into trouble as most of the coast is covered by King ranch.

Then went to Sorita. Less luck. Kennedy ranch is along the coast. Mr. Kennedy, a Fascist despot, informed me that there were no sites on his ranch. Talked for 3 hours. What can one do in the face of this??

Returned to Brownsville.

February 28 - Went to Kingsville. Went to Museum at Texas A and I. They were very nice but they have damn few specimens and these are not numbered.

Then attempted to trace down a collection of John . Ended up at a boy's Catholic School in Corpus Christie. The good fathers I'm afraid have lost labels, etc. It is in a mess(the collections, i.e.). One pot, with location given, is in an interesting shape.

Returned to Kingsville and met J. O. Chandler. Good collector with a lot of stuff from Baffin bay. Will examine this more thoroughly tomorrow.

February 25 - Car not ready. Figured out financial report and
mailed up receipts. Had $1700 accounted for; $60 in cash,
and $200 in the bank. I have spent $1400 of my own money
that I have not kept receipts on.

Wrote to Krieger, Tevis, etc. Got Rushlite pottery report
from Kaplan.

February 26 - Car ready. It really sounds good. Got supplies
for next trip out. Went with Champion to 3 sites out on the
Loce Chico road. Got a few specimens. Two sites similar to
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Returned to Kingsville and met J. O. Chandler. Good collector
with a lot of stuff from Baffin Bay. Will examine this more
thoroughly tomorrow.

March 1 - Went with young J. V. Chandler to Laffin Bay to their beach house. On the east side of the bay just west of their house I found one site and on the bay, just to the
2 sites east on the west side about 3 miles from his house found another. Much of the pottery is asphalt painted stuff, but two pieces are engraved. Returned to Brownsville.

March 2 - Looked for one of Anderson's sites next to Boca Chica. No luck.

Then went across the border. Got a new visa. A courtesy visa good for 120 days. It took me 4 hours to obtain it.

Got in touch with Louis ~~x~~LaLlum . We leave tomorrow to see Anderson's sites.

Drove to Washington beach on the Mexican side asking about sites - no luck.

March 3

Went to one of Anderson's old sites. This one was a hill on the east side of a lake just west of the Rancho Toma
Tm^c50 Traversia. Found a few things. It was at this site that Anderson found one of his whole pots. At least we know the association now.

Tm^c51 This site was half way between Marahultos and Las Flores.

Tm^c52 Longue Salado.

March 4 - Drove from Matamoras to San Fernando. Had a blowout. Asked about sites at ranch along highway. No luck.

March 5 - Drove from San Fernando to Rancho Teson. The day was uneventful except that I broke the battery box and spent four hours getting the car out of the mud just west of Rancho Santa Fe. Did not get to Los Adjuntos.

March 6 - Tm^c49 is situated directly north across the plain from Ranch Leson and is located just east of the first point
Tm^c49 on the opposite side. Went to the site. Found 3 gorgets and parts of 1 flexed skeleton. It appears to have been a burial site, and not a camp site.

Later in the day returned to Rancho Lidios. The people were very helpful and took me to the ferry across to
Tm^c53 and half way between the ferry and Tm^c48 found a large site. This site, according to the river bank strata, is stratagraphically under Tm^c48.

Tomorrow for Co sal. Incidentally, had to change two tires and fixed the battery box with an iron fence post and Scotch ingenuity.

March 1 - Went with Young J. V. Chandler to Tetlin Bay to their beach house. On the east side of the bay just west of their house I found one site and on the bay, just to the 6 sites east on the west side about 3 miles from his house found another. None of the pottery is exploit pointed stuff, but two pieces are preserved. Returned to Tenakville.

March 2 - Looked for one of Anderson's sites next to Coco Chica. No luck.

Then went across the border. Got a new visa. A courtesy visa good for 180 days. It took me 4 hours to obtain it.

Got in touch with Louis Kalkum . He leave tomorrow to see Anderson's sites.

Drove to Washington beach on the Mexican side asking about sites - No luck.

March 3

Went to one of Anderson's old sites. This one was a hill on the east side of a lake just west of the Rancho Tecoma Traversia. Found a few things. It was at this site that Anderson found one of his whole pots. At least we know the association now.

$Tm^{C}43$ This site was half way between Ensenada and Las Flores.

$Tm^{C}44$ Loma Salado.

March 4 - Drove from Ensenada to San Fernando. Had a blowout. Asked about sites at ranch along highway. No luck.

March 5 - Drove from San Fernando to Rancho Tecon. The day was uneventful except that I broke the battery box and spent four hours getting the car out of the mud just west of Rancho Santa Fe. Did not get to Los Angeles.

March 6 - $Tm^{C}49$ is situated directly north across the plain from Rancho Lecon and is located just east of the first point on the opposite side. Went to the site. Found 3 pottets and parts of 1 flexed skeleton. It appears to have been a burial site, and not a camp site.

Later in the day returned to Rancho Lidios. The people were very helpful and took me to the ferry across to and half way between the ferry and $Tm^{C}48$ found a large site. This site, according to the river bank strata, is stratographically under $Tm^{C}48$.

Tomorrow for Co sal. Incidentally, had to change two tires and fixed the battery box with an iron fence post and scotch ingenuity.

March 7 - Drove from Las to Camisal. Walked in mud to island(1 mile) and then walked completely around the island.

$Tm^{m}54$ On the southern tip I found the remains of numerous burials. Took 1 piece of skull and two sherds as evidence.

$Tm^{c}55$ On the northeast section of the island along a shell reef I found a great deal of pottery, mostly modern. Mingled with it, however, was old pottery and flint chips.

$Tm^{c}56$ On the northern tip of the island in the top strata I found three or four projectile points which indicated a camp site.

Dense vegetation stopped further exploration. However, $Tm^{c}56$ was interesting only in the fact that half way down the west side of the island at the base of the highest bank was found a strata of shell and projectile points. This
$Tm^{c}57$ site or camp($Tm^{c}57$) is stratigraphically older than $Tm^{c}56$. This is not as well indicated as it was in the case of $Tm^{c}53$ and $Tm^{c}48$ as the strata here is broken by erosion in place, but the soil type in the strata and the depth tend to substantiate the sequence.

After lunch we started back and at the beginning of the first line of trees inland from the mouth of the San Fernando River we drove southward 2 miles to the first hill-island-like structure. On the northeast side of it we found a
$Tm^{c}58$ site. Rather an extensive camp as well as a flexed burial, poorly preserved.

Then we started home and a tragedy occurred. Blew out one tire. Fixed it and immediately had a flat. Fixed IT and the first tire blew out again. Down to the last three tire patches. When we arrived at La Sidias we had a slow leak so I repaired it. The Coleman lamp wouldn't work as a part of it was broken, so by the light of a candle I repaired the tire and incidentally broke my glasses. The end of a perfect day. Have no tire patches left. Also, lost my best tire tool.

March 8 - Drove from Los Sidion to La Puerta. Arrived at La Puerta after getting stuck in the mud twice and completely blowing out one tire. Luckily I procured a tire patch from a fish truck but we are without a spare.

At La Puerta I was taken to La Puerta Rancho Viejo where
$Tm^{c}59$ I found some flint chips and two projectile points.

The rest of the population between here and Sainta Teresa were of no help. Asked at every ranch.

From Sta. Teresa to Matamoros I had one more flat and the rear spring became disengaged. Crossed the bridge with a large bunion on the front tire - ready to blow out at any moment. One spring bad, no glasses and no spare. Five miles further on bad dirt road and the expedition would have returned to Chicago.

March 7 - Drove from San [illegible] to Carmel. Walked in mud to island(1 mile) and then walked completely around the island.

$Tm^{7}24$ On the southern tip I found the remains of numerous burials. Took 1 piece of shell and two sherds as evidence.

$Tm^{7}25$ On the northeast section of the island along a shell reef I found a great deal of pottery, mostly modern. Mingled with it, however, was old pottery and flint chips.

$Tm^{7}26$ On the northern tip of the island in the top strata I found three or four projectile points which indicated a camp site.

Dense vegetation stopped further exploration. However, $Tm^{C}56$ was interesting only in the fact that half way down the west side of the island at the base of the highest bank was found a strata of shell and projectile points. This

$Tm^{7}27$ site or camp($Tm^{C}57$) is stratigraphically older than $Tm^{C}56$. This is not as well indicated as it was in the case of $Tm^{C}55$ and $Tm^{C}53$ as the strata here is broken by erosion in place, but the soil type in the strata and the depth tend to substantiate the sequence.

After lunch we started back and at the beginning of the first line of trees inland from the mouth of the San Fernando River we drove southward 3 miles to the first hill-island-like structure. On the northeast side of it we found a

$Tm^{7}28$ site. Either an extensive camp as well as a flaked burial, [illegible] preserved.

then we started home and a tire already occurred. Blew out one tire. Fixed it and immediately had a flat. Fixed it and the first tire blew out again. Down to the last three tire patches. When we arrived at La Salina we had a slow leak so I repaired it. The Coleman lamp wouldn't work as a part of it was broken, so by the light of a candle I repaired the tire and indefatigably broke my glasses. The end of a perfect day. Have no tire patches left. Also, lost my last tire tool.

March 8 - Drove from San Nidian to La Puerta. Arrived at La Puerta after getting stuck in the mud twice and completely blowing out one tire. Luckily I procured a tire patch from a fish truck but we are without a spare.

$Tm^{7}29$ at La Puerta I was taken to La Puerta Rancho Viejo where I found some flint chips and two projectile points.

The rest of the population between here and Reinta Teresa were of no help. Asked at every ranch.

from Ste. Teresa to Matamoros I had one more flat and the rear spring became disengaged. Crossed the bridge with a large bunion on the front tire - ready to blow out at any moment. One spring bad, no glasses and no spare. Five miles further on bad dirt road and the expedition would have returned to Matamoros.

March 9 - Got car repaired and bought supplies. Totals for the week are:

1 - battery box broken
1 - spring broken
1 - pair of glasses broken
1 - Coleman lamp defunct
2 - blowouts (3 tires no good)
9 - instances of repairing tubes and changing tires.
4 - times stuck in the mud (total hours in mud - 13)
10 sites found
2 nervous systems shot to hell.

However, Dr. Cole says that if we are careful the car will be alright in this country!

March 10 - Tried to go to Laguna Bo with Krieger. Spent 7 hours trying to find the place, no luck. Country wet.

March 11 - Rain and wind. No use starting. Wrote letters. Fixed notes and maps for La Pesca dig and bought supplies. Also, paid income tax.

March 12 - Drove from Matamoras to Langue Salado - via the following route. Customs house on San Fernando road to Caracoal, to Loma Granerso , to Unaquitas, Palo Blano to Lasque Salado. Interviewed people at all ranches, but found no sites.

At Lanque Salado found that a new born baby (nine days old) was dying. Fed her evaporated milk and tomorrow June will drive family and baby to Matamoras to a doctor.

March 13 - Spent the day on horseback. First of all I found stuff at the ranch of Juan Gonzalez which is about 2 kilo south of Lanque. The stuff was in the trees just south of the house. Tm^{c}60

Then went out to the dunes on the beach where sherds had been seen. However, wind had blown sand over the dunes and could find nothing.

Then circled the beach from the sea and about 100 yards west of the road to Auora, 4 kilo N.W. of Lanque Salado found a site and also the remains of fireplaces. Tm^{c}61

About ½ mile west of that and directly N of Laguna Colorado we found another site. It is a small circular hill surrounded by low, damp grounds. One burial was seen, 2 fireplaces, 3 sherds, shell artifacts, etc. No flint. Tm^{c}62

Spent three more hours on horse and returned sore in the saddle.

March 7 - Got car repaired and bought supplies. Totals for the week are:
1 - battery box broken
1 - spring broken
1 - pair of glasses broken
1 - Coleman lamp defunct
2 - blowouts (3 tires no good)
9 - instances of repairing tubes and changing tires.
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However, Dr. Cole says that if we are careful the car will be alright in this country!

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March 12 - Drove from Matamoros to Laguna Salado - via the following route. Customs house on San Fernando road to Carnocal, to Loma Cremero , to Dneguitas, Palo Blano to Laguna Salado. Interviewed people at all ranches, but found no sites.

At Laguna Salado found that a new born baby (nine days old) was dying. Fed her evaporated milk and tomorrow June will drive family and baby to Matamoras to a doctor.

March 13 - Spent the day on horseback. First of all I found stuff at the ranch of Juan Gonzalez which is about 8 Mile south of Laguna. The stuff was in the trees just south of the house.

Then went out to the dunes on the beach where sherds had been seen. However, wind had blown sand over the dunes and could find nothing.

Tm°61 Then circled the beach from the sea and about 100 yards west of the road to Anora, 4 Mile N.W. of Laguna Salado found a site and also the remains of fireplaces.

Tm°62 About ½ mile west of that and directly N of Laguna Colorado we found another site. It is a small circular hill surrounded by low, damp ground. One burial was seen, 2 fireplaces, 3 sherds, shell artifacts, etc. No flint.

Spent three more hours on horse and returned sore in the saddle.

March 14 - Back in the saddle again. Started out today N.E.
Tm^c63 of Lanque Salado. Followed out Resuca Chapatita and found a site just east of Laguna Lechoquias on the ocean.

Then switched eastward to Resaca La Bonito, followed it along for about 3 miles. Shells(sea) were to be intermittently seen along it. However, it was not until we were
Tm^c64 just south of Laguna La Toba that we encountered a flexed or bundle burial. In the near vicinity were artifacts and burned clay.

Then went just across the plain to an old ranch called Rosario. It was full of potsherds, glass, beads, etc. No site.

From here went out to the sea at Punta Bovril looking for one of Anderson's old sites - no success.

On the way home at a point called Puerto de los Mujers, I examined the area of a tip of the hill on the west side of the Puerto(east part of the hill). Here I found two flexed
Tm^c65 children's burials. Had no camera, therefore no pictures. Also found the strewn remains of another burial. There were other artifacts there also. This is the only site that I believe might produce anything by digging and even with digging probably damn little.

Then returned to ranch and found June and the car. Evidently the trip to the doctor saved the life of the kid. Waiting at the ranch were a couple of men. For the first time I encountered part of the unfortunate tradition started by Anderson. They had a mess of stuff they had picked up and wanted money for it. I then told them that I would pay for it only if I saw the place it came from. Therefore we went to the Rancho Rube and from there on foot to the arroyo
Tm^c66 1 kilo to the west of the houses. There I did manage to find some shell beads (or buttons?). However, there still is some doubt in my mind whether all came from along this and only one part - or if there might be some stratigraphy. I then paid 3 pesos for the artifacts. I only hope Anderson has not spread this tradition too widely in this territory.

During these two days Antonio Lorenzo Junion was my guide.

March 15 - This was the day in the sand. For all future archaeologists let me warn them to stay out in their cars. It is bad business. With Antonio Lorenzo Senior as my guide we started off. First we got stuck getting on to the beach. 1½ hours getting out. Then up along the beach, dodging the surf, the soft spots and the areas of shell to Portales. Left the car and went and looked for one of Anderson's best sites. Few signs of it. Also, 2 miles of walking in sand dunes and then mud is tough. Then down the beach to Boca San Jose to the mouth of the El Tigre River for another of

March 14 - Back in the saddle again. Started out today S.E. of Laguna Salado. Followed out Nexcan Chapetite and found a site just east of Laguna Redonditas on the ocean.

Then switched eastward to Nexcan Conito, followed it along for about 3 miles. Shells(sea) were to be interestingly seen along it. However, it was not until we were just south of Laguna La Vaje that we encountered a flexed or bundle burial. In the near vicinity were artifacts and stoned clay.

Then went just across the plain to an old ranch called Nosarto. It was full of potsherds, glass, beads, etc. No site.

From here went out to the sea at Punta Lovell looking for one of Anderson's old sites - no success.

On the way home at a point called Puerto de Los Muleros, I examined the area of a tip of the hill on the west side of the Puerto(east part of the hill). Here I found two flexed children's burials. Had no camera, therefore no pictures. Also found the strewn remains of another burial. There were other artifacts there also. This is the only site that I believe might produce anything by digging and even with digging probably poor little.

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During these two days Antonio Lorenzo Dunlon was my guide.

March 15 - This was the day in the mud. For all future prehensolegirls let me warn them to stay out in their cars. It is bad business. With Antonio Lorenzo Senior as my guide we started off. First we got stuck getting on to the beach. 14 hours getting out. Then up along the beach, dodging the surf, the soft spots and the areas of shell to Portales. Left the car and went and looked for one of Anderson's lost sites. Few signs of it. Also, 2 miles of walking in mud dunes and then mud in tough. Then down the beach to Nice San close to the mouth of the El Tigre River for another of

Anderson's sites. Absolutely no sign of it. Then decided to come home through Refugio and Anneahutos. However, after watching a fish truck get stuck decided it was worse than at Lanque Salado. Asked one of the local boys from Refugio about sites. He knew of none. Antonio confided (with glee) that Anderson had found none here.

Then back to Lanque Salado. At the beach we got stuck. Had to walk 3 miles to Lanque Salado for mules and by nine P.M. arrived at the Langue Salado Ranch. 13 hours work, no sites, plenty of sand.

March 16 - Antonio and I made a tour of the Rancho north of Lanque Salado which was evidently in the Anderson tradition.
$Tm^{c}67$ At La Ravia we were given material which supposedly came from a Resaca, half way between the ranch and Loma Pasario.

Continued our survey on up to Rancho San Pedro where we had lunch and then to one other ranch 5 kilos to the north and then we returned to Lanque Salado.

On the way to Matamoros a horseman at Rancho San Jose flagged up and had materials he said came from nearby Resaca
$Tm^{c}68$ and also pottery from Rosario. He wanted to sell these things. I bought them and left - disgusted with Anderson's methods.

Arrived in Brownsville at 7 P.M.

March 17 - Wrote notes, did maps of La Resca dig. Wrote letters. Had pleasant letter from Ekholm.

March 18 - Brought car across bridge to have the lock and speedometer fixed. Also, bought food. Talked over local ethnology with A.A.Champion. Wrote more letters and shipped off receipts.

March 19 - Took off to San Fernando. Inquired about Pedro de la Gorza. Then on to Victoria and gave letter to Constantio Salinas for Pedro Lerma at Los Angles. Also, talked to a young tourist about going with me to explore the Sierra de Tamaulipas. In fact I talked with him over a bottle of rum until 4 a.m. Politically very compatable for the trip.

March 20 - Went from Victoria to San Fernando, bought gas and then went on to Loreto. Had very agreeable evening talking with the de la Gorza brothers, but they know of no sites.

March 21 - First went to Morales and found an old man who knew all about habitations of Indians. Went out 1 kilo on road to Buenavista and looked at one cave - nothing in it. I then looked over the other habitations(?) and went to Rancho

Andersonn's sites. Absolutely no sign of it. Then decided to come home through Nefugio and Annasbutos. However, after wetching a fish truck get stuck decided it was worse than at Lenque Salado. Asked one of the local boys from Refugio about sites. He knew of none. Antonio confided (with glee) that Anderson had found none here.

Then back to Lenque Salado. At the beach we got stuck. Had to walk 3 miles to Lenque Salado for mules and ly nine P.M. arrived at the Lenque Salado Ranch. 13 hours work, no sites, plenty of sand.

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Tm°68 and also pottery from Rosario. He wanted to sell these things. I bought them and left - discussed with Anderson's methods.

Arrived in Brownsville at 7 P.M.

March 17 - Wrote notes, did maps of La Loma dig. Wrote letters. Had pleasant letter from Wilson.

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March 19 - Took off to San Fernando. Inquired about Pedro de la Garza. Then on to Victoria and gave letter to Constantio Tallnes for Pedro Loera at Los Angeles. Also, talked to a young tourist about going with me to explore the Sierra de Tamaulipas. In fact I talked with him over a bottle of rum until 4 a.m. Politically very acceptable for the trip.

March 20 - Went from Victoria to San Fernando, bought gas and then went on to Loreto. Had very agreeable evening talking with the de la Garza brothers, but they knew of no sites.

March 21 - First went to Horcles and found an old man who knew all about habitations of Indians. Went out 3 hills on road to Buenavista and looked at one cave - nothing in it. I then looked over the other habitations(?) and went to Arroyo

San Jose. There I talked to all the cowboys and went down to the Laguna Madre. They knew of no sites around there but suggested I try St. Rosa, a hill just south of Magazes and Rancho Pottros (4 kilos from St. Teresa).

When back to Lareto and to La Florida. Received a lot of useless information there about the indians but no knowledge of sites. All inhabitants here are new in the region.

Spent the night at Rancho Caton.

March 22 - Received information about a site on an island near the fish camp at Caton. Wind too strong today - will go there tomorrow.

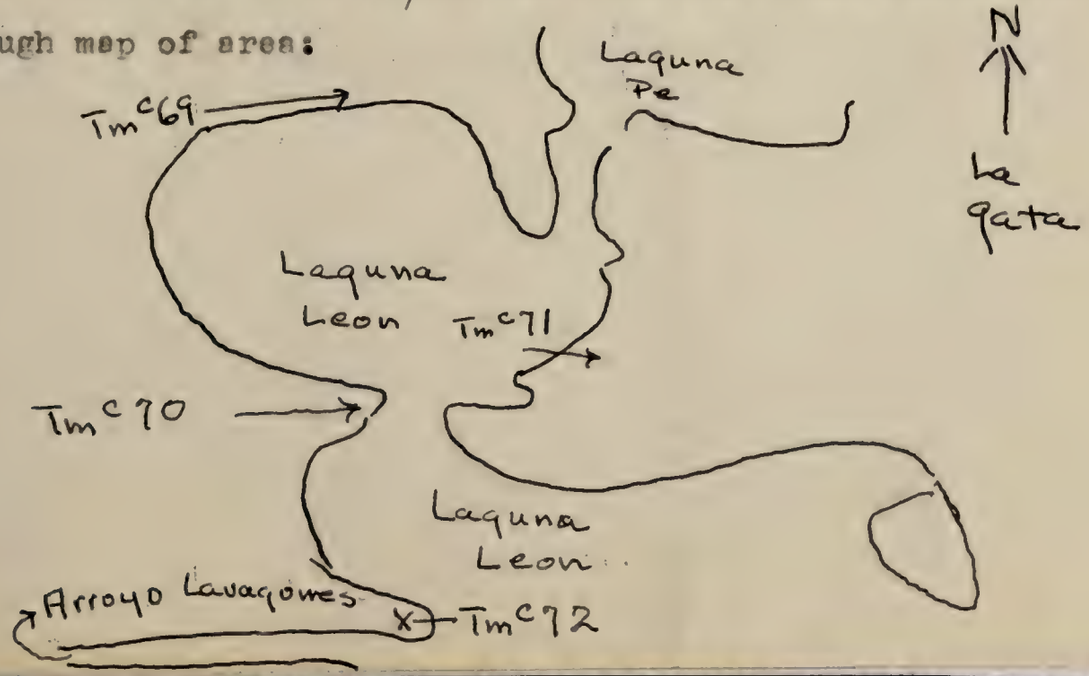
Then went to Lavaderos. Found an excellent guide - Roberto Vela. Went out on a cow trail to Laguna Madre to a bay
$Tm^{c}69$ called Laguna Leon. On the north side of the highest hill found a good site with little or no pottery, although our guide says that before the hurricane there was a lot.

Then circled the lake to a point coming in from the west
$Tm^{c}70$ which almost bisects the lake. Found another good site. It was eroding from a high bank.

Then waded across the channel separating the north Leon Lake from the south Leon Laguna to a peninsula which jutted in from the east. This place is called La Punta. Just north of La Punta I found another point on which was a large site,
$Tm^{c}71$ an extended burial(?), and many sherds. The occupation was indicated by a 4 inch layer of shell found about 2 feet below the present surface. If this site was not so inaccessable and labor more plentiful I would dig it.

Then went along the south side of Leon Laguna to the point where the Arroyo Lavagones enters it. On the north side
$Tm^{c}72$ of the arroyo was another camp site with much pottery(before the hurricane there was more). Took a photograph of it.

Rough map of area:



San Jose. There I talked to all the cowboys and went down to the Laguna Madre. They knew of no sites around there but suggested I try Rt. Rose, a hill just south of Mayaxes and Rancho Potrros (4 Pilos from Rt. Torres).

Then back to Laredo and to La Florida. Received a lot of useless information there about the Indians but no knowledge of sites. All inhabitants here are new in the region.

Spent the night at Ramero Caton.

March 22 - Received information about a site on an island near the fish camp at Caton. Wind too strong today - will go there tomorrow.

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Then circled the lake to a point coming in from the west which almost bisects the lake. Found another good site. It was eroding from a high bank.

Then waded across the channel separating the north Leon lake from the south Leon lagoon to a peninsula which jutted in from the east. This place is called La Punta. Just north of La Punta I found another point on which was a large site, an extended burial(?), and many sherds. The occupation was indicated by a 4 inch layer of shell found about 2 feet below the present surface. If this site was not so inaccessible and labor more plentiful I would dig it.

Then went along the south side of Leon Laguna to the point where the Arroyo Lavadores enters it. On the north side of the arroyo was another camp site with much pottery(before the hurricane there were). Took a photograph of it.

Rough map of area:

Then returned to Caton. The next ranch is La Barra and I visited it.

March 23 -Went out with the fishermen to see a site. I walked 8 kilos to the site, 2 kilos of which was in water to my waist. Found site $Tm^{c}73$ and down the beach from it $Tm^{c}74$. $Tm^{c}73$ Both are good Huasteca camps and should be dug. The giving of exact directions(location?) is impossible, so I hope $Tm^{c}74$ the following map will suffice:

Then returned to Maguazes to look for a reported site and couldn't find it. Went to Lanque Salado and Santa Rosa.

Tm^c75 Just east of Santa Rosa on the bluffs overlooking the arroyo on the north bank I found an extensive site.

Then attempted to get closer to the coast and Corrigo, but the road was too bad.

Back to San Fernando for the night.

March 24 - From San Fernando to Saint Teresa. Talked about sites in Saint Teresa. Received no information.

Tm^c76 Then out to Rancho La Postras. On the bay just north and east of the house on the Ranch found an extensive area of burned clay but few artifacts.

Tm^c77 Then further on to the club house which was situated on the bay called Recondia de Positras. Found here the remains of burials, and a few sherds. I was also informed that Anderson had visited this site - probably for .

March 25 - To Brownsville to look for the letter with my money.

March 26 - No letter, no money.

March 27 - No letter, no money. June left for Chicago so no wife.

March 28 - No letter, no money. Finally, after the last mail I leave for Tampico.

March 29 - Got Roberto Pavón ready and then to Victoria.

March 30 - Looked for a ride to Los Angles - no luck.

March 31 - Finally got a ride for 60 pesos. Drove to Cosas for the night.

April 1 - Got to Los Angles - tomorrow to work. What a ride - in a 1932 Ford coupe. Planned campaign with Pedro, Roberto and Jose. It ought to be all right.

Tm^c78 April 2 - Left Los Angles for Las Tanques which is inbetween De Conde and Cosquella. On this ridge I found a number of ruins including a round house with entrances and 3 other rounnd houses with steps leading up. Also found a caracol.

See next page for a rough map.

Before lunch time, since Roberto and I had not seen the surface pottery we cleaned off the leaves from one house. On its surface found a fair amoung of pottery. This feature is

Then returned to Nogueras to look for a reported site and couldn't find it. Went to Tampue Salado and Santa Rosa.

Tm-T4 Just east of Santa Rosa on the bluffs overlooking the arroyo on the north bank I found an extensive site.

Then attempted to get closer to the coast and Cerrito, but the road was too bad.

Back to San Fernando for the night.

March 24 - From San Fernando to Saint Teresa. Talked about sites in Saint Teresa. Received no information.

Then out to Rancho la Portera. On the bay just north and east of the house on the ranch found an extensive area of burned clay but few artifacts.

Tm-V4

Then further on to the club house which was situated on the bay called Ensenada de Positres. Found here the remains of burials, and a few sherds. I was also informed that Anderson had visited this site - probably for

Tm-V7

March 25 - To Tamaulipas to look for the letter with my money.

March 26 - No letter, no money.

March 27 - No letter, no money. Time left for Chicago to my wife.

March 28 - No letter, no money. Finally, after the last mail I leave for Tampico.

March 29 - Got Roberto Tavon ready and then to Victoria.

March 30 - Looked for a ride to Los Angles - no luck.

March 31 - Finally got a ride for 60 pesos. Drove to Ocese for the night.

April 1 - Got to Los Angles - tomorrow to work. What a ride - in a 1932 Ford coupe. Planned campaign with Pedro, Roberto and Jose. It ought to be all right.

April 2 - Left Los Angles for Las Tampes which is inbetween Ile Conde and Cosamalia. On this ride I found a number of

Tm-T6

ruins including a mound house with extensive old & other found houses with steps leading up. Also found a carreol.

See next page for a rough map.

Before lunch time, since Roberto and I had not seen the surface pottery we cleaned off the leave from one house. On its surface found a fair amount of pottery. This feature is

$Tm^{c}78$ house 1 — $Tm^{c}78$ - house 1. Then later, with all the crew I went to house 2 and since it was clear of trees on top I dug it in order to solve the problem as to whether these structures were houses with stone walls or platforms with the houses built on top. The latter turned out to ~~xx~~ be the proper solution. On the following page are drawings. Also, I took 2 photographs.

April 3 - Returned to house 1 in the morning since it had stairs (2 steps on the side) decided to dig it to see if there were 2 floors. We sunk a 10 foot square, 1 foot at the top - then continued down 3 feet in 2 five foot squares. The bottom 2½ feet were only rocks. There was no other floor. I took 3 photographs of this - the light was bad.

I did, however, clean off the steps of this house. There is no doubt that these round structures are platforms. The material from the 2 houses looks the same, but in some respects differs from Pueblito materials.

In the afternoon spent 6 hours walking and looking for Mission de Las Indias. Did not find it. 10 miles walking in rough country and no luck. However, I did manage to fall down on one of the cliffs and cracked my glasses. I greatly suspect that my guide Pedro, more than getting lost(as he said he had) just plain didn't care to walk further.

April 4 - Today I went to the Cuidad on the hill just north of Canyon de Salto. The directions are as follows:

$Tm^{r}79$ — Here we found a large ruin - $Tm^{r}79$ - after 4 hours of hard walking. Then we dug 2 five foot squares, 3 levels down. See the following map of the region:

April 3 - returned to house 1 in the morning since it had stair
house 1 (8 steps on the side) decided to dig it to see if there
were 2 floors. We sunk a 10 foot square, 1 foot at the
top - then continued down 3 feet in 8 five foot square.
The bottom 2½ feet were only rocks. There was no other
floor. I took 3 photographs of this - the light was bad.

I did, however, clean off the steps of this house. There
is no doubt that these round structures are platforms.
The material from the 2 houses looks the same, but in some
respects differs from Trebilio materials.

In the afternoon spent 6 hours walking and looking for Mission
de las Indias. Did not find it. 10 miles walking in rough
country and no luck. However, I did manage to fall down
on one of the cliffs and cracked my glasses. I greatly
suspect that my guide Pedro, more than getting lost(as he
said he had) just plain didn't care to walk further.

April 4 - Today I went to the Ciudad on the hill just north of
Canyon de Salto. The directions are as follows:

$Tm_{C}78$ - house 1. Then later, with all the crew I went to
house 1 house 2 and since it was clear of trees on top I dug it in
order to solve the problem as to whether these structures
were houses with stone walls or platforms with the houses
built on top. The latter turned out to be the proper
house 2 solution. On the following page are drawings. Also, I
have a photograph.

$Tm_{I}79$ Here we found a large ruin - $Tm_{I}79$ - after 4 hours of hard
walking. Then we dug 3 five foot squares, 3 levels down.
See the following map of the region:

With the excavation of this house I believe that we have found that these platforms were for habitations and not temples. Flint, pottery, parts of manos and metates, wattle and daub were found in it. The superstructure was composed of wood as evidenced by charcoal. Around the walls was wattle and daub. Further, it is very likely that the top level of the excavation of this house was refuse of its inhabitants, while levels 2 and 3 - which consisted of refuse and chunks of caliche - was filler taken from the surrounding region and used to build up the center to the height of the walls.

Map of region mentioned on previous page:

Tm^r79 Here deposits went down 2 feet though only the top 3 feet produced much which was quite different from Tm^r78. Tm^r79 is as large, or larger than Pueblito. Incidently, at noon we killed a coral snake 3½ feet long.

Then back 10 kilos (Pedro says 8 kilos) to camp. In Canyon Casqullas there were 4 houses and a motary wall or fortification
Tm^r80 wall. Picked up a few sherds - not very important, but the square wall and smaller round house warrant recognition.

April 5 - Returned to Los Angles, bathed and got rid of insects.

April 6 - Washed pottery from Tm^c78 - both houses. Prepared for the trip to Canyon Diablo.

April 7 - Walked from Los Angles to Canyon Diablo (no money for horses). Made our camp about 2 kilo north of the arroyo entering the Diablo from the direction of Los Angles. This should be situated directly below Pueblito. We then went northward(?) in the Canyon Diablo to a cave, a rock
Tm^c81 shelter. A group of 3-4 parallel lines about 4 inches long were painted on the walls in red paint. Pedro's name, with dates 1945 and 1927 may also be seen on the wall. The

with the exception of this house I believe that we have found that these platforms were for habitations and not temples. Flint, pottery, parts of manos and metates, wattle and daub were found in it. The superstructure was composed of wood as evidenced by charcoal. Around the walls was wattle and daub. Further, it is very likely that the top level of the excavation of this house was refuse of its inhabitants, while levels 2 and 3 - which consisted of refuse and chunks of caliche - was filler taken from the surrounding region and used to build up the center to the height of the walls.

Map of region mentioned on previous page:

Tm^{2}79 Here deposits went down 2 feet though only the top 3 feet produced much which was quite different from Tm^{1}78. Tm^{2}79 is as large, or larger than Pueblito. Incidently, at noon we killed a coral snake 2½ feet long.

Then back 10 Kilos (Pedro says 8 Kilos) to camp. In Canyon Carpulles there were 4 houses and a watery wall or fortification wall. Picked up a few sherds - not very important, but the square wall and smaller round house warrant investigation.

Tm^{2}80

April 5 - Returned to Los Angles, bathed and got rid of insects.

April 6 - Tested points from Tm^{2}79 - left Monday. Traveled for six trip to Canyon Diablo.

April 7 - Taking from Los Angles to Canyon Diablo [illegible]
for Express. Made our camp about 2 kilo north of the
canyon entering the flats from the direction at Los Angles.
This should be situated directly below Pueblito. We then
went northwardly in the Canyon finding in a cave, several
shelter. A group of 3-4 parallel lines about 4 inches
long were painted on the walls in red paint. Pedro's name,
with dates 1948 and 1947 may also be seen on the wall. The

Tm^{2}81

floor was covered with small rocks and numerous flint chips. It was then decided to test it for depth with a 4 foot square hole. It proved very interesting. In the future this cave should be dug. A photograph of the cave was also taken. The 4 foot hole ~~which~~ was stopped at a depth of 2 feet ~~x~~ to prevent injury to the deposits as our work was necessarily hurried. The stratigraphy was the following: the top 3 inches had flint chips and part of two projectile points; next was a layer of ash two inches thick. The next 6 inches was composed of red(possibly ~~xxx~~ burned) earth containing projectile points of a different type(i.e. different at this layer from those found at the upper level). The next foot had refuse and many large rocks of the same type of materials as in the 6 inches above. At the bottom of this was a charcoal floor. Left it for future investigators.

On returning to camp found that a tiger had stalked up and also shot a deer. Water situation bad. Walked about 33 kilo today. Travel in arroyo bottoms very hard on the feet.

For location of cave and sketch of it see the map on the following page. (now in back of book).

Catelogue Tm^c81

Tm^c81	-	surface
Tm^c81-1	-	top 3 inches above the ash layer
-2	-	ash layer, 1 inch
-3	-	6 inch level
-4	-	1 foot level

April 8 - This morning went southward down the Diablo. On the opposite side of the arroyo from the place where the road for Pueblito leaves the Canyon we found a large flat terrace.
Tm^c82 On this terrace were found numerous sherds, flint chips and the remains of one round house. This is probably of the same culture as is Pueblito and may represent the house of an (early) farmer and his field.

Directly north of this field is a high cliff and another
Tm^c83 shelter. This contained numerous flint chips, some points also and it has a small surface of dirt and refuse. Might be worth further investigation. Had been visited by the explorers club of Victoria.

Then went 4 kilo down the Canyon Diablo to another cave. The depth of deposits here was very small though flint was
Tm^c84 quite common. There were wall paintings which I photographed. Marked No. 1 by Explorer's Club of Victoria.

Then continued down the Canyon Diablo to another cave. It, too,
Tm^c85 had wall paintings. Incidentally, I photographed one wall painting of a man on a horse. Found a few flint chips here. Probably represents cave of Positas(as does stuff in the top of Cave 81. This is marked Cave #3 by Explorer's Club of Victoria. Here there was also a wall painting of a man with a bow and arrow.

floor was covered with pearl shells and numerous flint chips. It was then decided to test it for depth with a 4 foot square hole. It proved very interesting. In the future this cave should be dug. A photograph of the cave was also taken. The 4 foot hole which was stopped at a depth of 2 feet 8 to prevent injury to the deposits as our work was necessarily hurried. The stratigraphy was the following: the top 3 inches had flint chips and part of two projectile points; next was a layer of ash two inches thick. The next 6 inches was composed of red(possibly fire burned) earth containing projectile points of a different type(i.e. different at this layer from those found at the upper level). The next foot had fetuses and many large rocks of the same type of materials as in the 6 inches above. At the bottom of this was a charcoal floor. Left it for future investigators.

On returning to camp found that a tiger had stalked up and also shot a deer. Water situation bad. Walked about 33 kilo today. Travel in arroyo bottoms very hard on the feet.

For location of cave and sketch of it see the map on the following page. (now in back of book).

Catalogue $Tm^{O}81$

$Tm^{O}81$	-	surface
$Tm^{O}81$-1	-	top 3 inches above the ash layer
-2	-	ash layer, 1 inch
-3	-	6 inch level
-4	-	1 foot level

April 8 - This morning went southward down the Diablo. On the opposite side of the arroyo from the place where the road for Huablito leaves the Canyon we found a large flat terrace. Tm^{O} On this terrace were found numerous sherds, flint chips and the remains of one round house. This is probably of the same culture as is Huablito and may represent the house of an (early) farmer and his field.

Directly north of this field is a high cliff and another shelter. This contained numerous flint chips, some points Tm^{O} also and it has a small surface of dirt and refuse. Might be worth further investigation. Had been visited by the archaeers club of Victoria.

Then went 4 kilo down the Canyon Diablo to another cave. The depth of deposits here was very small though flint was Tm^{O} quite common. There were well paintings which I photographed. marked No. 1 by Explorer's Club of Victoria.

Then continued down the Canyon Diablo to another cave. It, too, Tm^{O} had well paintings. Incidentally, I photographed one well painting of a man on a horse. Found a few flint chips here. Probably representative of locations these early in the [illegible] of Cave #1. This is marked Cave #2 by Explorer's Club of Victoria. Here there was also a well painting of a man with a bow and arrow.

Returned to camp and went to the field across the Canyon from the camp. Walked all over it - no luck.

While cooking dinner my glasses cracked. Water situation is bad. Feet hurt.

April 9 - Went from Diablo to Pueblito. Surface collected most of the day and made a map of the site. Water very low.

Fortunately for the mapping much of the site has had the grass burned off. Of course one gets asblack as the ace of spades. Late that night Jose arrived with more supplies. Unfortunately he only half read Pedro's note about food - therefore our supplies in the future will be low.

Pueblito/

The pottery of Pueblito is in many ways different from that previously found and the finding of numerous mold-made figurines bears this out.

April 10 - Started out in the morning for the ruins names Norasjitas. This site is supposedly north of Pueblito. Unfortunately Pedro got lost. 5 hours walking, no site - strike 2 for Pedro.

Later came back and put three more test pits into Pueblito. It is now possible to see 9 test pits in this site. At no point is the refuse deeper than 1½ feet and in most places it is less than 1 foot. However, in spite of this, I feel that there is a possibility of stratigraphy (possibly horizontal stratigraphy) at this site.

April 11 - Went from Pueblito to Salsbones. Got my first bath of the trip. Pedro's foot is in a very bad condition. If it does not get better the trip is ended. Late at night it started to rain so didn't get too much sleep. Ended up by moving everything into a cave.

We walked this 20 kilos in about 6 hours and the last 17 kilos were in river gravel. My shoes are wearing through - tough hiking.

April 12 - Well, it rained like hell all day. Nothing to do but sit in the cave and wait. Two of Pedro's friends dropped in and they will be guides in the future. They remained all day and, of course, expected some of our precious rations of food. Washed all of the Pueblito soot off my clothes. This primitive washing is not woman's work.

April 13 - Guests still with us and when we were talking about pay Roberto decided to help me out and offered the comment that in the past besides pay for guides we gave them food. My pal???

Tuesday

April 9 - Went from Tuxpan to Tuxpanillo. Surface collected most of the day and made a map of the site. Water very low.

Fortunately for the mapping much of the site has had the grass burned off. Of course one gets sunburn as the see of spades. Late that night Pedro arrived with more supplies. Unfortunately he only had read Pedro's note about food - therefore our supplies in the future will be low.

The pottery of Tuxpanillo is in many ways different from that previously found and the finding of numerous well-made figurines bears this out.

April 10 - Started out in the morning for the ruins named Horsilitas. This site is supposedly north of Tuxpanillo. Unfortunately Pedro got lost. 5 hours walking, no site - strike 2 for Pedro.

Later came back and put three more test pits into Tuxpanillo. It is now possible to see 9 test pits in this site. At no point is the refuse deeper than 1½ feet and in most places it is less than 1 foot. However, in spite of this, I feel that there is a possibility of stratigraphy (possibly horizontal stratigraphy) at this site.

April 11 - Went from Tuxpanillo to Talpones. Cut my first bath of the trip. Pedro's foot is in a very bad condition. If it does not get better the trip is ended. Late at night it started to rain so didn't get too much sleep. Added up by moving everything into a cave.

We walked this 20 miles in about 6 hours and the last IV miles were in river gravel. My shoes are wearing through - through lining.

April 12 - Well, it rained like hell all day. Nothing to do but sit in the cave and wait. Two of Pedro's friends dropped in and they will be guides in the future. They remained all day and, of course, accepted some of our precious rations of food. Washed all of the Tuxpanillo dust off my clothes. This primitive washing is not woman's work.

April 13 - Guests still with us and when we were talking about pay Roberto decided to help us out and offered the comment that in the past besides pay for guides we gave them food. My pal???

Then up to the ruin on the top of Cerro de Guadelupe. It
Tm[r]86 is about 4 kilo (up) from camp. The main pyramid is about 30 feet high and there is a lake just east of it. Surrounding the lake and south of the pyramid are numerous houses. Surface findings are extremely scarce. This is probably due to the alluvium covering them.

In the afternoon I noticed a cut made by a rancher for water. Excavated a small part of this cut and found sherds and floors extending to about 4½ feet in depth. I immediately staked out the area into 3 five foot squares and photographed it. Then we started digging. Got the humus off 2 squares and then it started to rain buckets full. After an hour of waiting we retreated to camp - soaking wet, cold and dirty. Arrived there about 4 o'clock. Running down 4 kilos of wet mountain is a damn dangerous sport. Obviously I skinned a ~~knee~~ when I fell.

Boy, do I miss my wife out in this lonely desolate country.

April 14 - Today the real excavation begins. I hope I have stratigraphy. The three trenches are numbered 0, 5, and 10
Tm[c]86 from east to west. Level 1 in all trenches is humus and plowed earth. Level 2 appears to be plowed earth furrowed by the plow and also contains a small amount of refuse. This
Zone A is referred to as Zone A. About 1 foot from the surface is a concentration of sherds, burned clay - etc. This is
Floor 1 Floor 1 and appears to abound in cultural materials. Underneath this is a somewhat less large concentration of refuse culminating in a floor at about a depth of 2 feet. The area
Zone B above the floor is Zone B and the floor is Floor 2. In most
Floor 2 cases both Floor 2 and Zone B were removed together. Directly under floor 2 is a semi-sterile area which I am calling
Zone C Zone C. In square 0 is it about 1½ feet thick, while in the other squares it is bisected by another floor. The exact definition of this area will be investigated tomorrow.

All levels are 6 inch levels except when otherwise noted in the catelogue.

One difference I noted in this house is that it appears to have the masonry built on what seems to have been a small mound of dirt. This ought to be interesting to dig.

April 15 - In squares 5 and 10 another floor was noted which
Tm[c]86 seems to connect with floor 2 along the 5 axis. This floor
Floor 3 I am calling Floor 3 and it is separated from Floor 2 in squares 5 and 10 by Zone C. Zone C does not appear in
Zone C Square 0. It was about a 1 foot strata of yellowish-brown soil with little or no cultural material in it. I rather
Zone D believe it is an alluvium. Below Zone D was another floor - 4.
Floor 4 It was not too distinct but nevertheless apparent. Materials were found, though were not numerous. Below it was a thin
Zone E layer of reddish earth separating this from floor 5. This
and floor

Tm 56

Then up to the ruin on the top of Cerro de Guadalupe. It is about 4 kilo (up) from camp. The main pyramid is about 50 feet high and there is a lake just west of it. Surrounding the lake and south of the pyramid are numerous houses. Surface findings are extremely scarce. This is probably due to the alluvium covering them.

In the afternoon I noticed a cut made by a rancher for water. Excavated a small part of this cut and found sherds and floors extending to about 4½ feet in depth. I immediately staked out the area into 5 five foot squares and photographed it. Then we started digging. Got the humus off 2 squares and then it started to rain buckets full. After an hour of waiting we retreated to camp - soaking wet, cold and dirty. Arrived there about 4 o'clock. Running down 4 kilos of wet mountain is a damn dangerous sport. Obviously I skinned a knee when I fell.

Boy, do I miss my wife out in this lonely desolate country.

April 14 - Today the real excavation begins. I hope I have stratigraphy. The three trenches are numbered 0, 5, and 10 from east to west. Level 1 in all trenches is humus and plowed earth. Level 2 appears to be planed earth (burrowed by the plow and also contains a small amount of refuse. This is referred to as Zone A. About 1 foot from the surface is a concentration of sherds, burned clay - etc. This is Floor 1 and appears to abound in cultural materials. Underneath this is a somewhat less concentration of refuse culminating in a floor at about a depth of 2 feet. The area above the floor is Zone B and the floor is Floor B. In most cases both Floor B and Zone B were removed together. Directly under Floor B is a semi-sterile area which I am calling Zone C. In square 0 it is about 1½ feet thick, while in the other squares it is bisected by another floor. The exact definition of this area will be investigated tomorrow.

All levels are 6 inch levels except when otherwise noted in the catalogue.

One difference I noted in this house is that it appears to have the masonry built on what seems to have been a small mound of dirt. This ought to be interesting to dig.

April 15 - In squares 5 and 10 another floor was noted which seems to connect with floor B along the S axis. This floor I am calling floor S and it is separated from floor B in squares 5 and 10 by Zone C. Zone C does not appear in Square 0. It was about a foot strata of yellowish-brown soil with little or no cultural material in it. I rather believe it is an alluvium. Below Zone C was another floor - A. It was not too distinct but nevertheless apparent. Materials were found, though were not numerous. Below it was a thin layer of reddish earth separating this from floor S. This

Tm 56

Zone A

Floor 1

Zone B

Floor B

Zone C

Floor S

Zone C

Zone D

Floor A

Zone E

and floor

is Zone E. In most cases the excavation materials of both Floor 5 and Zone E materials were lumped together and are called(compare to) level 8. Below this floor was about 6 inches more of refuse. In squares 0 and 5 at level 9 we definitely encountered Basic Soil. This lowest cultural
Zone F strata, containing little or no materials, is Zone F. It is possible, however, that in Square 10 another strata may be found. I dug down a little bit into the so-called basic soil here and though I found no sherds I was not entirely satisfied with calling this basic soil for it may also be a cultural strata.

Pedro's foot is still in bad shape. Spent a lot of the day photographing the big pyramid, houses and final cross-section.

At present I believe that this ruin is somewhat older than those to the east. The houses are usually without steps; figurines are not found and I believe some of the molcajete feet are solid, cone-like feet which are longer than the types previously found.

Simon and Desiderio Hernandez, our two guides from Huslabones told me about another ruin just northwest of here (about 20 kilometers) called Trijones. Don't believe I'll be able to visit it.

April 16 - Today we went to Cerro Refugio. Getting to the ruin itself meant about 7 kilometers of walking, 4 of which were up hill. On the way up we saw 12 deer and 4 turkeys. Once on top we saw that the third house had two casquella - one
Tm^c88 inverted on the other set into the floor. Also, on top of the inverted casquella was the neck of an olla. Cleaned it off here and photographed them. Finally, we had just barely gotten them out when it started to rain. While excavating I thought that there probably would be a burial inside. However, there was not. The dirt inside the casquella was taken out with the greatest possible care. First it was scraped with a trowel until handfuls of dirt were loose. Then this dirt was sifted and all that was left over(in the sieve) was examined.

As was said above the excavation of the ruin was terminated by more rain. We stood under a large rock for 4 hours while it poured and blew. Finally went back to camp - soaked the dirty dishes and wet clothes. Pedro had slept all day, having neither washed or moved our things when it rained. Food extremely low.

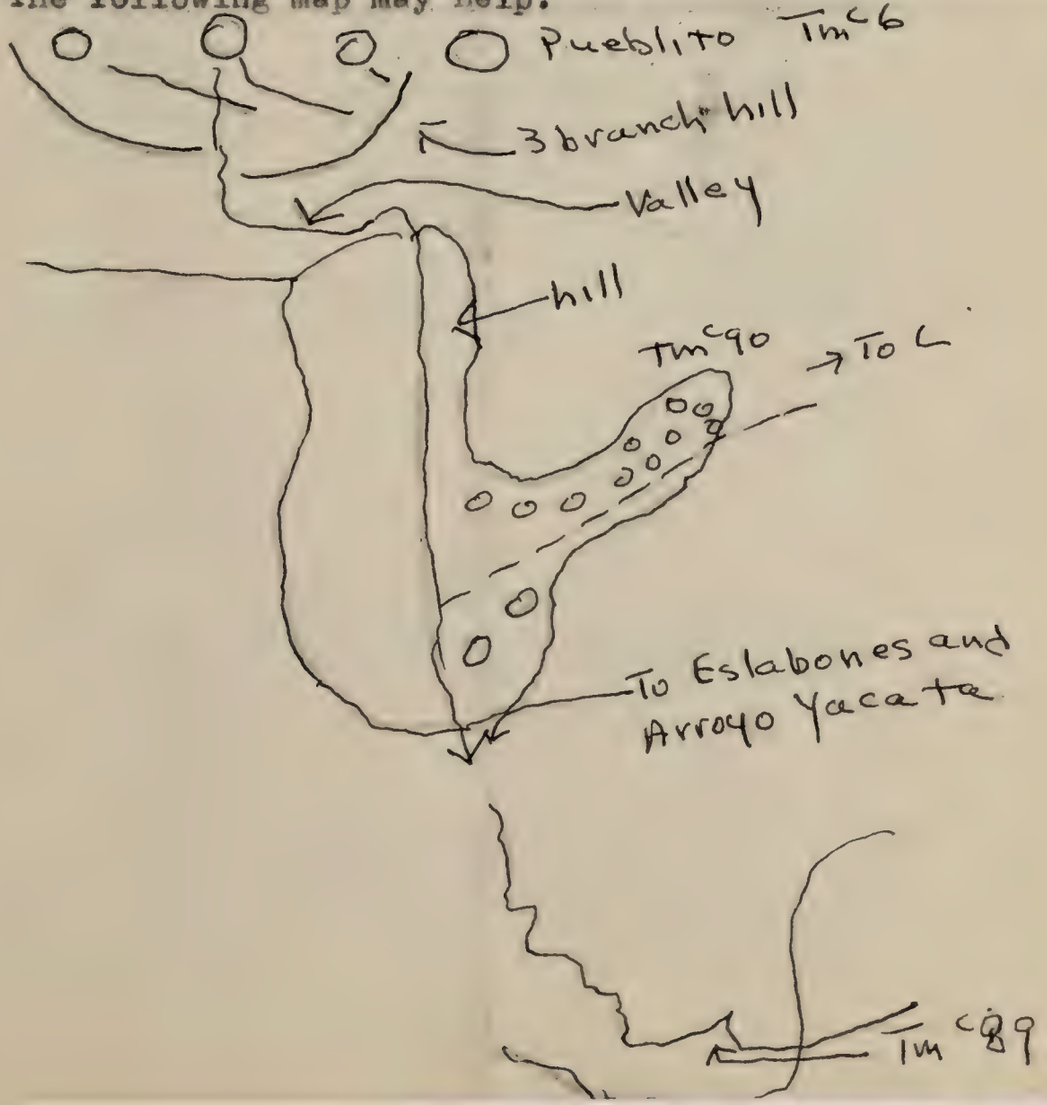
April 17 - Back to Cerro Refugio. Looked over the whole ruin, photographed it and made a sketch of the central part. Found some more sherds. Much of the top soil of this ruin has probably been washed away. One noticeable difference
Tm^c88 in this ruin is that houses on round platforms are constructed

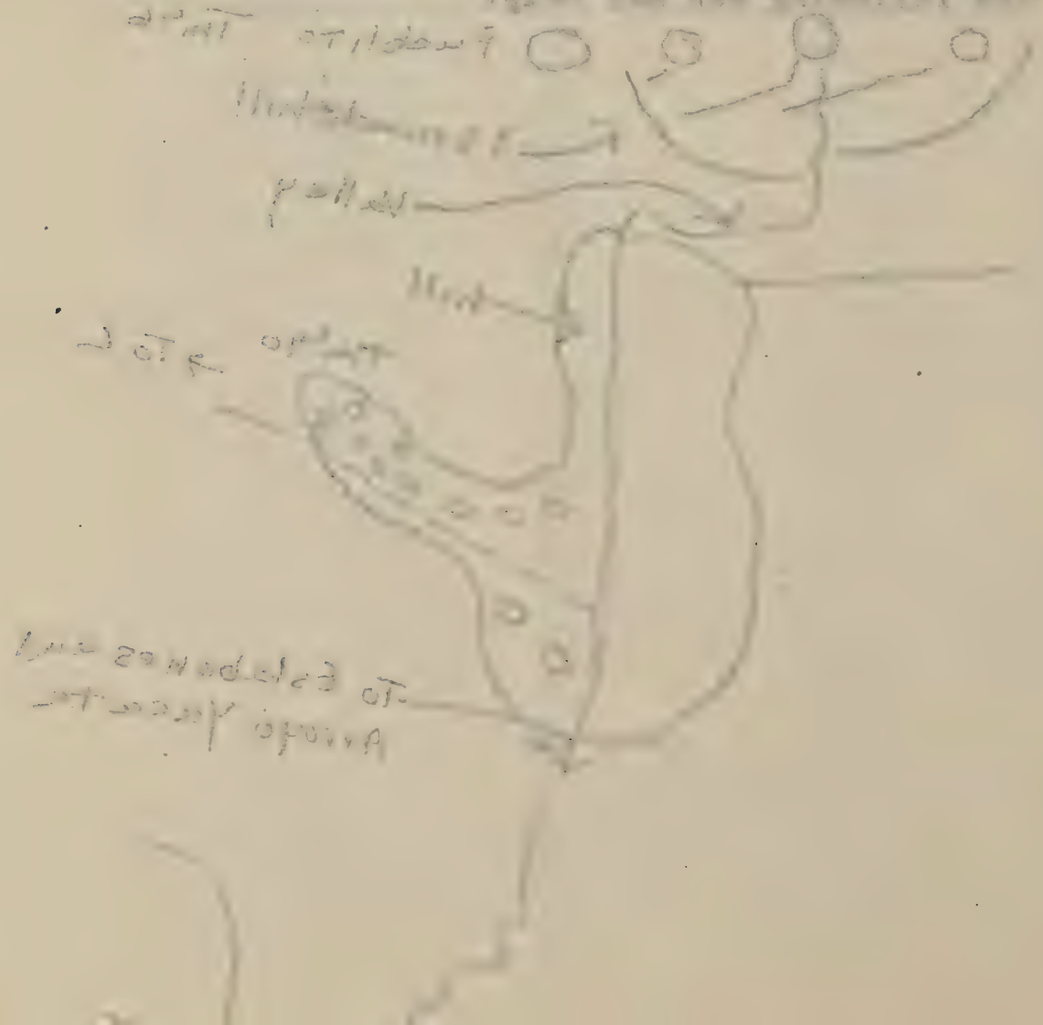
of boulders and not slabs. Also, there are no stairs apparent. Started a couple of holes, but quit as the deposits were too shallow to warrant excavation. Projectile points here are large and triangular, similar to the non-pottery culture north of Soto la Marina. On the way down the mountain shot a deer, 200 metres, one shot - in the head. Fresh meat tonight along with honey. What a feast! Took photograph of deer and cave.

April 18 - Last night and this morning talked over the possibility of going on to La Piedra, San Jose de la Rasios, and Lavadores. It is out as I don't have enough burros and probably can't buy food as the rains have stopped the comerciantes and most important I don't believe Pedro could do it. Will try it later in my car.

After this decision started off for Los Angles. Pedro very slow. At the small grassy plain where the trail for Pueblito
Tm^c89 leaves the arroyo Yacata I found an open site without pottery, a lot of flint chips and 2 projectile points.

Then continued on the trail to Pueblito. At the hill where
Tm^c90 the trail turns off for Tripones found another ruin. The humus is pretty well eroded off but about 12 round houses of slate can be seen. It is just north of the trail and along the route to Tripones. It is also about 4 kilos east of Pueblita. The following map may help:





For the night slept in the Canyon Diablo. Approximately 30 kilometers walking today - 20 of it in loose river gravel. Shoes worn out.

April 19 - Arrived in Los Angles about 2 P.M. Pretty tired. More rain late in the afternoon. Paid everybody. 10 kilometers walking. Bought new shoes. Organized archaeological materials.

April 20 - Walked to Magueze to find out about a ride to Villa Casas. Not possible - too much cargo already. The other comerciante, Raphael, broke a part on his truck and probably won't return for a week. Therefore, spent the rest of the morning hiring burros, packers and packing archaeological and other equipment to go to Casas. Will walk the remaining 45 kilos tomorrow since the trip is over.

Decided to write my impressions about the trip at this point. The earliest materials were found in cave 81. These should be compared with some of the earliest materials in the Valley of Mexico, Arizona, Texas and New Mexico. The next oldest materials I believe come from the lower levels of Guadalupe 87 and Refugio 88. The second period in the Pueblito culture is composed of upper levels of Guadalupe, House I and II of Tm^c78 and the lower levels of Tm^c79, and probably Pueblito. Later than this is the culture of the upper levels of Tm^c81.

This is the sequence:	Upper Levels Tm^c81
Huasteca V	III Pueblito
Huasteca IV	III Pueblito
Heasteca III	II Pueblito
Huasteca II	I Pueblito
	Tm^c89
	Tm^c81 lower level

A summary of sites found on this trip are the following:

Ruins of Pueblito Culture
- Tm^c6
- Tm^c78
- Tm^c79
- Tm^c80
- Tm^c82
- Tm^c87
- Tm^c88
- Tm^c90

Late non-pottery cave dwellers
- Tm^c81(upper levels)
- Tm^c83
- Tm^c84
- Tm^c85
- Tm^c86

Early non-pottery culture
- Tm^c81 (lower levels)

Coahuiltecan culture
- Tm^c89

For the night stop in the Canyon Diablo. Apparently
25 kilometers melting today - 80 of it in loose river gravel.
Check work out.

April 29 - Arrived in Los Angles around 2 P.M. Pretty tired.
Turn rain into in the afternoon. Find everybody. Is
Kilometers waiting. Unpack two days. Unpacked miscellaneous
material.

April 30 - Talked to Eugenes to find out about a pilot to visit
Cuzco. Not possible - too much going already. The other
americanos, Barkow, Lyons & Hunt on his team and probably
won't return for a week. Therefore, spent the rest of the
morning bitog Burro, packers and leaving miscellaneous
and other equipment to go to Cuzco. Will walk the remaining
45 kilos tomorrow since the trip is over.

Decided to write my impressions about the trip at this point.
The geologic materials were found in very BI. These should
be compared with some of the geologic materials in the Valley
of Cuzco, Arizona. Cuzco and New Mexico. The next oldest
materials I believe came from the Lower Levels of Quebalope by
and Derbyte BM. The second period in the Pueblito epifaune
is composed of upper levels of Quebalope, Zones I and II of
$Tm^{C}T3$ and the Lower Levels of $Tm^{C}T2$. and probably Pueblito.
later than this is the epifaun of the upper levels of $Tm^{C}T1$.

This is the sequence:

	Upper Levels $Tm^{C}T1$
Huastece V	III Pueblito
Mexteca IV	III Pueblito
Mexteca III	II Pueblito
Mexteca II	I Pueblito

$Tm^{C}B3$

$Tm^{C}B1$ Lower Level

A summary of wines found on this trip are the following:

Rate of Pueblito Uniform

$Tm^{C}C$

$Tm^{C}T3$

$Tm^{C}T2$

$Tm^{C}B$

$Tm^{C}B3$

$Tm^{C}B2$

$Tm^{C}B1$

$Tm^{C}B0$

$Tm^{C}90$

Data non-pottery here deplete

$Tm^{C}T1$ (Upper Levels)

$Tm^{C}T0$

$Tm^{C}B$

$Tm^{C}B2$

$Tm^{C}B0$

Early non-pottery cultura

$Tm^{C}B1$ (Lower Level)

$Tm^{C}B$

The reason for my sequence and correlations of Pueblito culture are the following.

Late Period: Pueblito and Tm^{c}79 upper levels have period 4 and 5 figurines, Huastecs B/W pottery and house with stairs.

Middle Period: Lack of the above characteristics. Stratigraphically under the above.

Early Period: Dominance of Red Wares
Arms of figurines are definitely not mold-made
Molcajetes feet of the long cone variety
Flat round buttons, not buttons.

Well, just heard a truck or an aeroplane. It's a truck!

Tomorrow we leave for Villa Casas in the truck.

April 21 - Drove to Villa Casas in the truck. Drove my car to Victoria. Talked with people about getting to San Jose de la Rusios. It is impossible with the rains. Therefore, will go and dig Caton.

April 22 - Drove to Jiminez and to the Arroyo Cocheros. It is full of water - impossible to cross. Caton trip out. Turned back to Victoria, then to Monterry and Resposa.

April 23 - Arrived at Matamoros. The generator in the car broke down. Arranged for a passport for Roberto.

April 24 - Got Roberto a passport. Tomorrow will go to Austin to work up Anderson's materials. The expedition is completed.

Tm^{r}76

Cat. No.	Square	Level	House	No. Sherds
1	10R1	2 -6"	2	32
2	10R1	1 -6"	2	54
3	0R1	1 -6"	outside 2	17
4	0R1	2 -6"	outside 2	4
5	5R1	1 -6"	2	22
6	5R1	2 -6"	2	33
7	1(10')	3(1' in rocks)	1	87
8	1 (10')	2(6" in center)	1	86
9	1 (10')	1(surface and top 3" in center)	1	156
10	1(N.5')	2 (3")	1	

Tm^{r}79

1	2	2 (1foot)	1	135
2	2	2 (6 inches)	1	188
3	2	1 (6 inches)	1	
4	1	1 (6 inches)	called house 3, but is 1.	
5	1	2 (6 inches)	1	
6	1	3 (6 inches)	1	
7	1	4 (6 inches)	1	

Tm^{c}86

			Strata	Number
1	0	1	Humus	A
2	0	2	" and refuse	
3	5	1 and 2	" " "	
4	10	1 and 2	" " "	
5	0	3(top 3")	Floor 1	
6	5	3(top 3")	Floor 1	
7	10	3	Floor 1 and a little belo	
8	0	3½	below Floor 1	
9	0	4	Floor 2	
10	5	3½ and 4	Zone B and Floor 2	
11	10	4	" " " " "	
12	0	5	Zone C	
13	5	5	Zone C and Floor 3	
14	10	5	" " " " "	
15	0	6	Zone D	
16				
17	10	6	Zone D and Floor 4	
18	0	7 and 8	Floor 4 and 5	
19	5	7 and 8	Floor 4 and 5	
20	10	7 and 8	Floor 4 and 5	

January 24 - Finished analysis of Peublito pottery. The report on this pottery to be found on the following page. Went to San Antonio and got a few projectile points. Numbered the site wrong.

Tm^c26 On the north bank of the arroyo just east of San Antonio. This is a small site with little shell and much flint.

January 25 - Packed the car, filled it with gas, packed the ceramics from Pueblito and also finished the trade/ sherd study of the Kinkaid site. Tomorrow I leave.

January 26 - Took a horse along the arroyo from Chamal to Cataño. No site found. Left Chamal for La Aquita.
Tm^c24 At Cariso around the house I found a site. It has been pretty well trampled by cattle.

Down the road along the arroyo bank and on the south
Tm^c25 side of the road found a rather large site. The deposits here extend down 2 feet.

Went to La Aquita. The road was lousy. The man who owned the horses was not at home. I will return tomorrow. Went to San Anrigue for the night.

January 27 - Went to La Aquita - no site. Saw stuff from Mission on El Tora. This is very/ late Colonial type materials - circa 1800 to 1850. Received news of a San Antonio site. Continued on to La Cuitas. From there
Tm^c27 I went to Viego Marina. It is the original town of Soto la Marina, overgrown with jungle. However, it must have been quite a town. Amid the Spanish ruins were flint chips, etc. My guide said that he believed that this town was an Indian site before the Spanish settled here. It is possible and I will check with Saldivar or Reyes.

After crawling around in the bush for three hours returned toward San Anriguer. At the dry lake just east of San Enrigue I stopped and looked along its bank. Shell deposits and chips of flint may be found all along the
Tm^c28 north bank. However, I only found projectile points at one place. This was above the highest stone bank on the N.N.W. side of the lake. I gave this portion the site number Tm^c28

Returned to San Enrigue. The local school teacher will visit tomorrow at 10:30 and the people here believe he knows more sites. Saldivar is at Soto la Marina on his vacation and may come here.

January 28 - Waited for the professor. One of the Brevanisto tiger hunt party flew in my mail. Blew a tire. Decided to try to get out and get another tire quickly. Found a
Tm^c29 site 200 feet south of the most southwestward house in Repello. Will examine and describe it at greater length later. Got out to Jiminez driving the last 15 miles in a slow drizzle of rain and fog. Damn lucky I got out in

January 24 - Finished analysis of Pueblito pottery. The report on this pottery to be found on the following page. Went to San Antonio and got a few projectile points. Numbered the site wrong.

Tm°23 On the north bank of the arroyo just east of San Antonio. This is a small site with little shell and much flint.

January 25 - Packed the car, filled it with gas, packed the ceramics from Pueblito and also finished the tracks about study of the Kinkaid site. Tomorrow I leave.

January 26 - Took a horse along the arroyo from Chamal to Catarbe. No site found. Left Chamal for La Aguita.

Tm°24 At Carlos around the house I found a site. It has been pretty well trampled by cattle.

Tm°25 Down the road along the arroyo bank and on the south side of the road found a rather large site. The deposits here extend down 2 feet.

Went to La Aguita. The road was lousy. The man who owned the horses was not at home. I will return tomorrow. Went to San Antigua for the night.

January 27 - Went to La Aguita - no site. Saw stuff from Mission on Mt Tore. This is very late Colonial type -asterials - circa 1800 to 1850. Received news of a San Antonio site. Continued on to La Guitas. From there

Tm°27 I went to Viego Martina. It is the original town of Soto la Martina, overgrown with jungle. However, It must have been quite a town. Amid the Spanish ruins were flint chips, etc. My guide said that he believed that this town was an Indian site before the Spanish settled here. It is possible and I will check with Saldivar or Reyes.

After crawling around in the brush for three hours returned toward San Antigues. At the dry lake just east of San Antigua I stopped and looked along its bank. Shell deposits and chips of flint may be found all along the

Tm°28 north bank. However, I only found projectile points at one place. This was above the highest stone bank on the N.W. side of the lake. I gave this portion the site number Tm°28

[illegible] visit tomorrow at 10:30 and the people here believe he knows more sites. Saldivar is at Soto la Martina on his vacation and may come here.

[illegible] - Waited for the professor. One of the Spaniards

Tm°29 tiger hunt party flew in my mail. Flew a time. Decided to try to get out and get another site quickly. Found a site 200 feet south of the most southwestward house in Reperito. Will examine and describe it at greater length later. Got out to Jiutnes driving the last 18 miles in a slow drizzle of rain and fog. Been lucky I got out in

time. Found at Jiminez that the road from San Fernando to Matamoros was impassable as it had been raining off and on for eight days. Back tracked and went by way of Monterry.

January 28 - Arrived in Brownsville at 6 P.M. Have driven for 25 hours straight. Enough said. No film, but I think I can get a tire.

January 29 - Got 2 brand new tires, bought groceries, had the car greased, oiled, etc. Am ready to leave tomorrow. Wrote letter.

January 30 - Wrote a report to Cole. Wrote to Griffin about job and seeing me. Wrote Krieger and Ekholm. Wrote Palacios for permission to explore Sierra de Tamaulipas and Rio de Palmas. Wrote Naplan. Obviously, it rained like hell all day so I couldn't leave Brownsville.

Made an appointment with Tony Lollum for the 20th. He says he can show me all the sites north of St. Teresa in 3 days.

January 31 - Drove from Malanoros to San Fernando over very treacherous wet roads. Ate lunch in San Fernando. Stopped at San Jose de la Maria in the afternoon to check up on the report of large bones. Was shown the bones and they are mammoth. Looked at strata where they came from and there are no human remains. This should be further investigated.

300 yards directly east of the town of Noria, however, is a site. Went there and collected materials. It is about
Tm^c30 150 yards north of Arroyo Cotheras. Arrived in Abasalo at night. Had a flat. No gas available. Felt ill during the night.

February 1 - It rained. I felt ill and stayed in bed all day. I have either dysentery or intestinal flu.

February 2 - Got up early and walked with Malitda Cardenes to a site he said was on a lake just north of the river. After an hour of walking we crossed the river. Too late to
Tm^c31 return. These sites are located 3 kilo east of Abasalo
Tm^c32 and 2 kilo south on the banks of an old lake. Tm^c31 is on the north side while Tm^c32 is on the side.

After this walk I felt pretty woozy, Fainted once, but since the day was good drove on to Repello. There I
Tm^c29 looked over Tm^c29 again. Within one hour's time I collected a terrific amount of stuff. On the hillside
Tm^c33 just south of the road as you leave Repello I found Tm^c33.

Drove to Chamal. Had a bite to eat. Too ill to continue. I have the flu. Ran a fever, chills, dysentery(diarrhea), etc.

time. Found at Jimina that the road from San Fernando to Petamoros was impassable as it had been raining off and on for eight days. Soon traveled and went by way of Monterey.

January 29 - Arrived in Tomaseville at 6 P.M. Have driven for 23 hours straight. Enough said. No film, but I think I can get a film.

January 30 - Got a fresh new tires, bought groceries, had the car greased, oiled, etc. Am ready to leave tomorrow. Wrote letter.

January 30 - Wrote a report to Cole. Wrote to Griffin about job and seeing me. Wrote Artigyan and Gibson. Wrote Palacios for permission to explore Sierra de Tamaulipas and Sie de Palmas. Wrote Hapjan. Obviously, it rained like hell all day so I couldn't leave Tomaseville.

Wrote an application with Cody Zeiler for the ZOA. He says he can show me all the sites north of St. Teresa in 3 days.

January 31 - Drove from Palmorea to San Fernando over fair transformore wet roads. Ate lunch in San Fernando. Stopped at San Jose de la Parra in the afternoon to check up on the report of large stones. Was shown the bones and they are mammoth. Looked at sites where they came from and there are no bones remains. This should be further investigated.

Tm°30 150 yards directly east of the town of Parra, however, is a site. Vast thin and unlisted materials. It is about 300 yards north of Arroyo Colmena. Arrived in Ahuacala at night. Had a flat. No gas available. Fait all during the night.

February 1 - It rained. I felt ill and stayed in bed all day. I have either dysentery or intestinal flu.

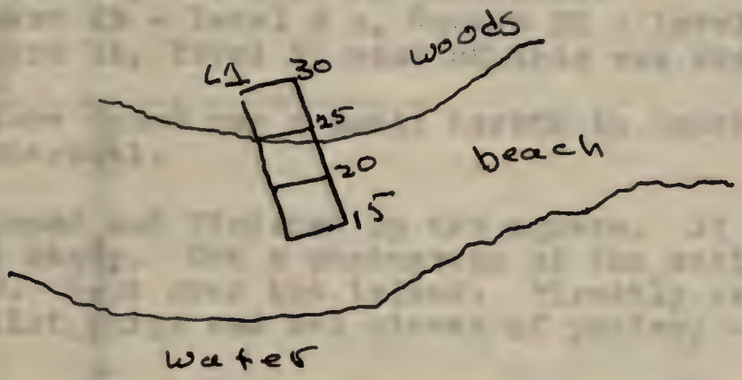
February 2 - Got up early and walked with Matilde Canizares to a site he said was on a lake just north of the river. After an hour of walking we crossed the river. Too late to return. There sites are located a little west of Ejercito Tm°31 and E Trio south on the route of an old lake. Tm°31 is Tm°30 on the north side while Tm°30 is on the side.

After this walk I felt pretty weary. Rained once, but since the day was good drove on to Hapalle. There I Tm°33 located area Tm°32 again. Within one hour's time I collected a terrific amount of stuff. On the hillside Tm°32 just south of the road as you leave Hapalle I found Tm°32.

Drove to Chapil. Had a bite to eat. Then ill to mention. I have the flu. Had a fever, chills, dysentery(diarrhea), etc.

February 3 - Arrived at La Pesca about noon. Felix Peña not here. However, Meltero Contery, an old resident, knew of an island in the center at the mouth of the river. A little north of the center we found the island called Insulada Piedra de Lumbre. Rented a motor boat
Tm^{c}34 and visited it. Sherds of Tancol V and possibly Huasteca V or VI were all about the shell covered beach of this island. I have decided to investigate this island further. Shall return tomorrow with 2 workers.

February 4 - The archaeological problems posed by the materials found on this island was: Does the island represent a camping spot or a permanent habitation site of tribes found further to the south(Tancol) or are these materials (sherds) merely the remains of objects which were traded to the inhabitants in this area. The method for solving this problem was by excavation. A spot with both the beach and the highest part of the island was chosen. A 15 foot beach 5 feet wide was staked out. The trench extended from the shell covered beach to the 5 post at the
Tm^{c}34 end edge of the flat top of the island. A map was made and elevations were taken. (See the following page) Photographs were taken before excavation. The O(number axis) ran 15 degrees south of the east-west axis(magnetic north being used to establish this axis). The first square opened was O-15, the second O-20, and the third O-25. Roughly it was like this:



The top surface of all squares consisted of layers of shell. However, it soon became apparent that the strata of shell were horizontally deposited while the slope of the beach was not. Therefore, the first level of square 15 was equivalent to level 3a of square 3(a). All levels were 1 foot levels as the materials found were sparse.

H.I. - 4 feet 1 inch.
Datum depths for a map were taken.

Station	Direction	Distance	Datum depth
stake O-5	214 degrees	24.5	8.1
O-25	163	8.4	5.2
O-30	129	8.5	4.1½

not here. However, Relteto Century, an old resident, knew of an island in the center at the mouth of the river. A little north of the center we found the island called Isuslada Piedra de Lumbre. Rented a motor boat and visited it. Sherds of Tanool V and possibly Mayteos V or VI were all about the shell covered beach of this island. I have decided to investigate this island further. Shall return tomorrow with 2 workers.

February 4 - The archaeological problem posed by the materials found on this island were: Does the island represent a camping spot or a permanent habitation site of tribes found further to the south(Tanool) or are these materials (sherds) merely the remains of objects which were traded to the Indians in this area. The method for solving this problem was by excavation. A spot with both the beach and the highest part of the island was chosen. A 15 foot beach 3 feet wide was staked out. The trench extended from the shell covered beach to the S post at the end edge of the flat top of the island. A map was made and elevations were taken. (See the following page) Photographs were taken before excavation. The O(number axis) ran 15 degrees south of the east-west axis(magnetic north being used to establish this axis). The first square opened was O-15, the second O-00, and the third O-05. Roughly it was like this:

The top surface of all squares consisted of layers of shell. However, it soon became apparent that the strata of shell were horizontally deposited while the slope of the beach was not. Therefore, the first level of square 15 was equivalent to level 3a of square 3(a). All levels were 1 foot levels as the materials found were sparse.

M.T. - 4 feet 1 inch.
Datum depths for a map were taken.

Station	Direction	Distance	Datum Depth
Stake 0-S	Via Veranda	24.3	5.1
O-SE	NW	8.4	8.2
O-SO	NNW	8.8	4.12

Station	Direction	Distance	Datum Depth
1	222 degrees	36.3	10.3
2	269	28.11	10.10
3	267	17.70	47.9
4	150	40	4
5	115	78	5'2"
6	330	27	4'2"
7	352	42	4'1"
8	228	41	10.2
9	340	48	10.3
10	15	58	10.8

Took a photograph before excavation

February 5 - Returned the second day by boat. The wind was up and we really had a rough time of it. The stratigraphy of the top layers of the shell deposit became apparent. The stratigraphy was as follows:

Tm^c34

(a) Square 25 - Level 1 - 1 foot
(b) Square 25 - Level 2 - 1 foot and note: this and level 1 of Square 20 are equivalent.
(c) Square 25 - Level 3 and Square 20 - level 2 are the same
(d) Square 25 - Level 4(a) and Square 20 - Level 3(a) and Square 15 - level 1 are equivalent
(e) Square 25 - level 4b, square 20 - level 3b and square 15, level 2 are equivalent
(f) Square 25 - level 4 c, Square 20 - level 3c and square 15, level 3: most of this was sterile.

The only feature found was a small hearth in square 20 outlined by charcoal.

February 6 - Returned and finished up the square. It was very cold, wet and windy. Got a photograph of the entire O-axis from 15 to 30. Went over the island. Directly east of this area found flint chips and 2-3 pieces of pottery - possibly modern.

Tm^c35

Returned to La Pesca wet, and tired. Made some attempts to repair the car battery.

Took the measurements for a profile drawing. See the following page. Did this in terms of datum depths for tying it in with the map.

the bottom level of square 15	-	7'7"
bottom of level 2, square 20	-	6'9"
bottom of level 1, square 20	-	6'2"

Measurements for profile drawing:

Stake	bottom of shell	bottom of dirt	bottom 2 layer shell	bottom of trench
15	14"	16⅛" refuse		2'1"

Station	Direction	Distance	Layer Level
1	225 degrees	56.3	10.3
2	238	48.11	10.10
3	267	17.70	47.8
4	150	40	4
5	118	78	8'8"
6	270	87	4'8"
7	282	42	4'1"
8	208	41	10.8
9	340	42	10.8
10	18	38	10.8

Test - Stratigraphy before excavation

February 8 - Returned the second day by boat. The wind was up and we really had a rough ti e of it. The stratigraphy of the top layers of the shell deposit became apparent. The stratigraphy was as follows:

Tm^{C}34 (a) Square 25 - Level 1 - 1 foot
(b) Square 25 - Level 2 - 1 foot and note: this and level 1 of Square 20 are equivalent.
(c) Square 25 - Level 3 and Square 20 - level 2 are the same
(d) Square 25 - Level 4(a) and Square 20 - level 3(a) and Square 15 - level 1 are equivalent
(e) Square 25 - Level 4b, square 20 - level 3b and square 15, level 2 are equivalent
(f) Square 25 - Level 4 c, Square 20 - level 3c and square 15, level 3; most of this was sterile.

The only feature found was a small hearth in square 20 outlined by charcoal.

February 9 - Returned and FLATTENED UP the equator. It was very cold, wet and windy. Got a photograph of the entire O-axis from 15 to 30. Went over the talus. Directly east of this area found flint chips and 2-3 pieces of pottery - possibly

Im^{C}25 modern.

Returned to La Jolla wet, and tired. Made some attempts to repair the car battery.

Took the measurements for a profile drawing. See the following page. Did this in terms of datum depths for tying it in with the map.

the bottom level of square 15	- y'6"
bottom of Level 3, square 20	- 8'8"
bottom of Level 1, square 20	- 8'8"

Measurements for profile drawing:

Square	Bottom of shell	Bottom of dirt	Layer shell - stream
15	14"	'oof' reform	8'1"

Stake	bottom of shell	bottom of dirt	bottom 2 layer of shell	bottom of trench
20	14"	16⅛"	20	2'5"
25	2'2"	2'5⅛"	2'7"	3'6"
30	3'2"	3'4⅛"	3'0"	4'5"
30 L 1	3'9"	none		4'4"
25 L 1	2'8"	2'9⅛"	3'⅛"	3'8⅛"
20 L 1	1'1⅛"	1'3"	1'4"	2'⅛"
15 L 1	9"	11"	1'3"	2'

February 7 - Went out from La Pesca to a large island in the center of the Laguna que just east of La Pesca. Walked around the whole island and was regarded for my
Tm^c36 effort by finding a few flint chips on the bank of the south-west side of the island. No artifacts were found but I am calling this site Tm^c36.

Catalogue of Tm^c34

Tm^c24 - surface
-p1 - square 15, level 1
-p2 - square 15, level 2
-p3 - square 20, level 1
-p4 - square 20, level 2
-p5 - square 20, level 3a
-p6 - square 20, level 3b
-p7 - square 20, level 3c
-p8 - square 25, level 1
-p9 - square 25, level 2
-p10 - square 25, level 3
-p11 - square 25, level 4

February 8 - Drove from La Pesca to Tancomba. Went out from beach looking for a site - no go. Went to San
Tm^c26 Antonio and revisited Tm^c26. This was a mistake.

February 9 - Tancumba to Salada and from there to Loreto to San Fernando

Tm^c37 At the first arroyo directly north of I found the remains of one small site. It was on the north bank bisected by the road to Salado.

Tm^c38 At Salado I was directed to a site just north of town and just east of the arroyo(also, had gas cap stolen). It was a very extensive site and although erosion has taken its toll it might be worth digging. Hurried through Loreto and Temaxal. Told of a site along the coast - but have no gas to use to visit it.

Stake	bottom of shell	bottom of dirt	bottom 2 layer of shell	bottom of trench
20	14"	16½"	20	2'3"
25	2'2"	2'5½"	2'4"	3'6"
30	2'2"	2'4½"	2'10"	4'5"
20 E 1	2'9"	none	3'6"	4'4"
25 E 1	2'8"	2'8½"	3'½"	3'8½"
30 E 1	1'11½"	1'10"	1'4"	2'5"
15 E 1	9"	11"	1'3"	2'

February 7 - Went out from La Pesca to a large island in the center of the lagoon that lies just east of La Peseca. Hiked around the whole island and was rewarded for my effort by finding a few flint chips on the back of the south-west side of the island. No artifacts were found but I am calling this site Tm°36.

Tm°36

Stations of Tm°34

Tm°34 - surface
-p1 - square 15, level 1
-p2 - square 15, level 2
-p3 - square 20, level 1
-p4 - square 20, level 2
-p5 - square 20, level 3c
-p6 - square 20, level 3b
-p7 - square 20, level 3c
-p8 - square 25, level 1
-p9 - square 25, level 2
-p10 - square 25, level 3
-p11 - square 25, level 4

February 8 - Drove from La Pesca to Tamcomba. Went out from beach looking for a site - no go. Went to San Antonio and revisited Tm°36. This was a mistake.

Tm°35

February 9 - Tamcomba to Salado and from there to Puerto la San Fernando

Tm°37 At the first arroyo directly north of the remains of one small site. It was on the north bank blocked by the road to Salado. I found

Tm°38 At Salado I was directed to a site just south of town and just east of the arroyo(also, bad gas can stolen). It was a very extensive site and although erosion has taken its toll it might be worth digging. Hunted through Puerto and Tamaral. Void of a site along the coast - but have no gas to use to visit it.

February 10 - San Fernando

February 11 - After repairing the flywheel pan we took off from San Fernando on the way to La Piedra. Searched around La Piedra with no success. Then continued to Buenavista. No success. Our guide about now was proving totally useless. Continued on to Santa Fe. Then on to the San Fernando. Walked a lot, talked a lot, listened a lot. 12 hours work and nothing to show for it. Returned to San Fernando.

February 12 - Something is wrong with the gear shift, but after tinkering with it it worked. By afternoon ~~xskxm~~ took off for San Jose de la Maria. Stopped at the arroyo Chamas, walked 2 miles west of the highway along
Tm^c39 the arroyo inspecting the walls with no success. Returned to La Maria and was guided to Site Tm^c39. It is 1 kilometer east of the highway and about ½ north of the arroyo, on the complete summit of the hills parallelling the stratum. Further inspected some large bones from the arroyo and am convinced that it is a mammoth. Spent the evening packing and preparing for the trip to the coast.

February 13 - Had to tape the water hoses as they were leaking badly. Then was able to take off. The road tb Reconada was very bad. It was necessary to fix the fly wheel pan twice. Finally made a ranch near Pedrena by night. Had two reports of sites. One on the old ranch, the other next to Chores del Nido contained shell but no artifacts. Had to cut trees down so could get through.

February 14 - Between Endrente and Pedreno found two sites in the morning - Tm^c40 and Tm^c41. Tm^c41 was situated about
Tm^c40 ½ mile north of Pedreno on both sides of the road. Tm^c40 was situated ⅔ mile north of Pedreno and on the east side
Tm^c41 of the road. It was next to a fence enclosing a cornfield. Continued eastward and at discovered another side. It was 1 kilometer S.S.E. of town and only 400 meters
Tm^c42 from the arroyo.

About 4 o'clock in the afternoon after having cut a road I arrived at La Barra. From there I received instructions to go to Ajo de Aqua and see an old man who knew the territory named . This old man took me in
Tm^c43 to the bay 3 kilo E.N.E. Here, at the highest point near the bay, I found a site with a little pottery, a burial which had been reinterred with a cross put over it and tiny triangular projectile points.

Then the old man and I walked ½ mile southward along an inlet and found a site with more pottery, a few points and a definite layer of shell midden about 1½ feet below the
Tm^c44 surface. I will return to this site on the Loreto trip and put in a test trench.

February 10 - San Fernando

February 11 - After repairing the flywheel pan we took off from San Fernando on the way to La Piedra. Cleaned around La Piedra with no success. Then continued to Guanajuato. Our guide about now was proving totally useless. Continued on to Santa Fe. Then on to Jaral and Penuelo. Talked a lot, talked a lot, listened a lot. 12 hours work and nothing to show for it. Returned to San Fernando.

February 12 - Somethin is wrong with the port mill, but after tinkering with it it worked. In afternoon Mario took off for San Jose de la Parra. Proceed at the arroyo Chamuco, walked 2 miles west of the highway along the arroyo inspecting the walls with no success. Returned to La Parra and was guided to Site $Tm^{c}39$. It is 1 kilometer east of the highway and about ½ north of the arroyo. on the somplete summit of the hill paralleling the stretum. Another inspected some large bones from the arroyo and am convinced that it is a mammoth. Spent the evening packing and preparing for the trip to the coast.

February 13 - Had to tow the water tender as they were leaking badly. Then was able to take off. The road to Guanajuato was very bad. It was necessary to fix the fly wheel pan twice. Finally made a ranch near Pedrero by night. Had two reports of mines. One on the old ranch, the other past to Obregon dej Rido containd shell but no artifacts. Had to cut trees down so could get through.

February 14 - Between Guarnate and Pedrero found two sites in the morning - $Tm^{c}40$ and $Tm^{c}41$. $Tm^{c}41$ was situated about ½ mile north of Pedrero on both sides of the road. $Tm^{c}40$ was situated ½ mile north of Pedrero and on the west side of the road. It was next to a fence enclosing a cornfield. Continued eastward and at [illegible] discovered another site. It was 1 kilometer S.E.N. of town and only 400 meters from the arroyo.

About 4 o'clock in the afternoon after having put a rope I arrived at La Parra. From there - received instructions to go to Ajo de Agua and see an old man who knew the territory round . While old man took me to the top 3 mile S.E.N. there, at the highest point near the day, I found a site with a little pottery, a burial which had been reinterred with a cross put over it and big unidentified projectile points.

Then the old man and I walked ½ mile southward along an inlet and found a site with more pottery, a few points and a definite layer of shell midden about 12 feet below the surface. I will return to this site on the Loreto trip and put in a test trench.

We then went out to an island directly east of Tm^c45. Found projectile points, flint and shell and a little pottery.

Tm^c45

All these sites are in the delta of the Arroyo Cocheras. The island further out is reported to have more materials, however it is impossible to get to it.

Slept in the stable of the old man's place.

February 15 - This was completely discouraging day. Started off by getting lost and after finally reaching a ranch I got stuck in the mud. At last I arrived at Cameras. There I was informed of three sites. I visited all three, getting stuck in the sand at one of them. No sites, no nothing. Finally arrived at Casbonera. Slept there in the house of the patron.

February 16 - After interviewing most of the town of Carbonera I left for Los Adjontas. At only one ranch did I receive any information of importance but could get no guide. The ranch was San Jose de Buenavista.

Finally arrived at the Chalon at Las Adjontas. There the man who ran the ferry showed real signs of intelligence. He knew of sites and arranged for a guide.

February 17 - Early in the morning I went out to a bay directly north of the Rio San Fernando into which another river(which has a ferry) empties. At this point between the two rivers I found two sites. On the south side of the point I found Tm^c46. It was a small site with pottery and flint. On the point I found another site. Artifacts were exceedingly scarce, though I did find part of a molcajete with solid conical feet. However, the most important find at this site was the remainder of four burials. Two had been completely eroded out. A third was exposed and disintegrating but had obviously been interred in a flexed position, head facing toward the east and interred without artifacts. The fourth one was better. Only a few skull bones were exposed.

Tm^c46

Tm^c47

Burial 1.

When I started to excavate I found it necessary to drive the car rear. June drove it for me. There was a cave-in and so I spent the remainder of the afternoon fixing the car.

February 18 - In the morning we were planning to go to the island, but the car was in bad shape so decided not to try it. Instead crossed the ferry over and explored the bank just opposite Tm^c47 and found the blown out remains of another camp.

Tm^c48

Tm^{G}43 We then went out to an island directly west of Tm^{G}42. Found projectile points, flint and shell and a little pottery.

All these sites are in the delta of the Arroyo Cedarcan. The island further out is reported to have more materials, however it is impossible to get to it.

Slept in the stable of the old man's place.

February 16 - This was completely discouraging day. Started off by getting lost and after finally rescuing a ranch I was informed of three sites. I visited all three, getting stuck in the sand at one of them. No sites, no nothing. Finally arrived at Cadosora. Slept there in the House of the peteron.

February 16 - After interviewing most of the town of Cerromora I left for Los Adjuntas. At only one ranch did I receive any information of importance but would get no guide. The ranch was San Jose de Buenavista.

Finally arrived at the Ojalon at Las Adjuntas. There the man who ran the ferry showed real signs of intelligence. He knew of sites and arranged for a guide.

February 17 - Early in the morning I went out to a low divesity north of the Rio San Fernando late which another river(which has a ferry) empties. In this point between the two rivers I found two sites. On the south side of the point I found Tm^{G}45 Tm^{G}46. It was a small site with pottery and flint. On the point I found another site. Artifacts were exceedingly scarce, though I did find part of a molcajete with solid Tm^{G}47 conical feet. However, the most important find at this site was the remainder of four burials. Two had been completely eroded out. A third was exposed and disintegrating but had obviously been interred in a flexed position, head facing toward the east and interred without artifacts. The fourth one was rather. Only a few skull bones were Burial 1. exposed.

When I started to excavate I found it necessary to drive the car near. Sime drove it for me. There was a cave-in and so I spent the remainder of the afternoon fixing the car.

February 18 - In the morning we were planning to go to the island, but the car was in bad shape so decided not to try it. Instead crossed the Ferry over and explored the Tm^{G}48 the bank right opposite Tm^{G}47 and found the flint out remains of another camp.

Then returned to Tm^m47 and exposed burial 1. It was a tightly flexed burial with the head to the N.W. It was in a shallow pit and was completely without artifacts. Took a photograph of it. Preserved the bones.

Tm^m47 Burial 1.

At the ranch just west of Las Adjustas was shown and given points from a site near the house. The car was too bad a shape to go and examine it. Will return. in

Tm^c49

The gear shift of the car has gone bad. It started to fain. The food was all gone. Fled for San Fernando. There is a terrible knock in the motor. Probably the valves need grinding. 1 mile from Las Adjantas the gear shift stuck in high and would not shift to action gear. Nursed the car along riding clutch - the hard sand doing it no good. I thought a lot of things about the University of Chicago and about my lack of sense in tackling a country like this without proper running stock.

Finally hobbled into San Fernando - dirty, tired, discouraged and hungry.

February 19 - Took the car to the local garage at San Fernando. They knew nothing about gear shift. Finally I took it apart and using a struck gear shift as a guide I fixed it. Then started off for Brownsville and repairs.

Had two flat tires on the way. Also the feed line clogged. The motor sounds really bad. The gear shift broke twice as one part is very worn. Finally hobbled into a garage in Brownsville for repairs. 2 miles further and I would not have made it.

There I had letters from Griffin and Krieger telling me that tomorrow there would be a little conference at Austin with Orr, Stoneall, Kelly, Campbell, Krieger and Griffin. Both asked me to bring my stuff. Also was told that thanks to my having made the arrangements Anderson's stuff was at the University of Texas.

Was lucky and caught a plane ride free to San Antonio and then took the bus to Austin. There was and got a hotel room.

Car will not be ready until the 23rd. This I doubt.

February 20 - Krieger and I hauled all my stuff to the Museum at the University of Texas. I will store it here until the expedition is finished and I am ready to take it to Mexico City.

June and I spent the day cateloguing and numbering all specimens. The gang didn't arrive until that evening.

Then returned to Tex-A and exposed burial 1. It was a
Tex-A-47 tightly flexed burial with its head to the S.E. It was
burial 1. in a shallow pit and was completely without artifacts.
Took a photograph of it. Preserved the bones.

Tex-A-49 At the ranch just west of Las Adjuntas was shown and given
points from a site near the house. The owner was too lad a
shape to go and examine it. Will return. In

the rear shaft of the car has gone bad. It started to rain.
The road was all mud. Tried for two Fernando. There is a
terrible knock in the motor. Probably the valves need
grinding. I write Iron Lan Adjuntas the rear shaft work
in high and would not shift to motion gear. Burned the
car along riding clutch - the hard road doing it no good.
I thought a lot of things about the University of Chicago
and about my lack of sense in trusting a contrary like this
[illegible] proper [illegible] clutch.

Finally hobbled into San Fernando - dirty, tired, discouraged
and hungry.

February 19 - Took the car to the local garage at San Fernando.
They knew nothing about rear shift. Finally I took it
apart and using a stuck rear shift was a guide I fixed it.
Then started off for Brownsville and repairs.

Had two flat tires on the way. Also the feed line clogged.
The motor sounds really bad. The rear shift broke twice as
one part is very worn. Finally hobbled into a garage in
Brownsville for repairs. 3 miles further and I would not
have made it.

There I had 4 letters from Griffin and Krieger telling me
that tomorrow there would be a little conference at Austin
with Orr, Stovall, Daily, Campbell, Krieger and Griffin.
Both asked me to bring my stuff. Also was told that thanks
to my having made the arrangements Anderson's stuff was at
the University of Texas.

Was lucky and caught a plane ride free to San Antonio and
then took bus to Austin. There was and
got a hotel room.

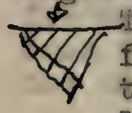
Car will not be ready until the 22nd. This I doubt.

February 20 - Krieger and I hauled all my stuff to the Museum at
the University of Texas. I will store it here until the
expedition is finished and I am ready to take it to Chicago
City.

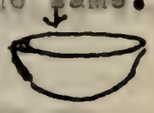
June and I spent the day catalouging and numbering all
specimens. Now have it's started until into packing.

February 21 - June and I finished cateloguing stuff. Then showed it to the boys. The idea of a Tancol-Huastecs camp so far north came as a bit of a surprise to them. Also, the engraving in period V was the first instance of its appearing this late.

Krieger, on seeing the Pueblito materials, immediately took me out and showed me the Alto focus stuff. The Pueblito engraved triangle surrounding the rim is exactly the same.



The dominance of the coronated bowl, the ring and round, flat bottoms were other similarities. The brushing technique for making designs was exactly the same. The low, straight-sided round bottomed bowls were the same. Round solid conical feet, although rare in Alto have been found. Also, a carved stone effigy, definitely Mexican has been found at the Alto mound. Alto materials, incidentally, have been found south of Waco and just north of Houston. Not Far!!! Krieger echoed Ekholm's wish - explore the Sierra de Tamaulipas.



Kelly looked at the projectile points several times. Came to the conclusion that most sites were late and Cushuiltecan. I will have to spend more time with him.

Had cocktail party at McAllister's house.

February 22 - Mainly went over Orr's stuff. Looked at Campbell's stuff from Galv . Neither gave me satisfaction.

Orr told me he has been hired to teach archaeology at the University of Chicago next year. Recommended that I get my Doctor's degree quickly. Though Orr is an up and coming young chap I rather believe that Dr. Cole could and should have gotten a man with more of a name and more leadership ability and one who was a better field man.

Incidentally Stoveall and Griffin both talked about the job now open at the University of Oklahoma. Griffin says it pays about $3500 a year. There is little teaching tied up with it and publication on Oklahoma archaeology is important. Cole better talk turkey if he wants me on the Kincaid report. I wonder why he didn't tell me about the Orr appointment.

Left for Brownsville on a slow Texas train. It was a terrible ride.

February 23 - Spent the day recovering from the train ride. Car not ready. Repairs will cost about $50.

February 24 - Spent the day writing letters. Wrote the mid-season report. Sent copy to Ekholm for Antiquity. Another copy to Mason and one to Cole. Also, received note from Mexico saying that I have permission to explore Canyon Diablo and Rio de las Palmas. In the light of this fact asked Dr. Cole for more money.

Car not ready.

February 21 - Jure and I finished sketching stuff. Then showed it to the boys. The idea of a Tassel-Hunters camp so far north came as a bit of a surprise to them. Also, the engraving in period 7 was the first lecture of the spinning this late.

Krieger, on seeing the Tuebilite materials, immediately took me out and showed me the Alto focus stuff. The Tuebilite engraved triangle surrounding the rim is exactly the same. The dominance of the cornmated fowl, the ring and round, flat bottoms were other similarities. The amazing resemblance for making designs was exactly the same. The low, straight-sided round bottomed bowls were the same. Round solid conical feet, although more in Alto have been found. Also, a dotted plate AZTEC, particularly Mexican has been found at the Alto mound. Alto materials, incidentally, have been found south of Taco and just north of Houston. Not Bell! Krieger noticed Libolm's rims - explore the Sierra de Tamaulipas.

Sally looked at the projectile points several times. Came to the conclusion that most sites were late and Cuculitzean. I will have to spend more time with this.

Had cocktail party at Lacklister's house.

February 22 - Nearly went over Orr's stuff. Looked at Campbell's stuff from Galv . Neither gave me satisfaction.

Orr told me he has been hired to teach archaeology at the University of Chicago next year. Recommended that I get my Doctor's degree quickly. Thought Orr is an up and coming young chap. I rather believe that Dr. Cole could and should have gotten a man with more of a name and more knowledge ability and one who was a better field man.

Incidentally Stevens and Griffin both talked about the job now open at the University of Oklahoma. Griffin says it pays about $5500 a year. There is little teaching tied up with it and publication on Oklahoma archaeology is important. Cole better talk turkey if he wants me on the Kincaid report. I wonder why he didn't tell me about the Orr application.

Left for Brownsville on a slow Texas train. It was a terrible ride.

February 25 - Spent the day recovering from the train ride. Car not ready. Repairs will cost a cut $80.

February 26 - Spent the day writing letters. Wrote the mid-season report. Sent copy to Nichols for safety. Another copy to Iason and one to Cole. Also, received note from Texas saying that I have permission to explore Cameron, Hidalgo and Zia de las Palmas. In the light of this fact served Dr. Cole for some money.

Car not ready.

February 25 - Car not ready. Figured out financial report and added up receipts. Had $1726 accounted for; $80 in cash, and $200 in the bank. I have spent $1400 of my own money that I have not kept receipts on.

Wrote to Krieger, family, etc. Got Rueblito pottery report from Kaplan.

February 26 - Car ready. It really sounds good. Got supplies for next trip out. Went with Champion to 3 sites out on the Boca Chica road. Got a few specimens. Two sites similar to the old Cayo culture of Anderson. Burials at back.

The third site was the burial of a modern Negro, probably from the Civil War.

Also talked to Lang and Louis Lollum and arranged trip on March 3rd to Anderson's site in Mexico. These two were Anderson's guides into the Rio Grande delta region for 25 years.

Decided to try to see sites between Corpus Christie and Brownsville, to see how far Mexican influences extended into Cameron county. Also, in this way I could profitably wait for Lollums. Further, Glen Davis of Austin had recommended people who might know of stuff in this region.

June and I both sick. Went to the doctor about the dysentery we have.

February 27 - Drove to Raymondville. Much palabra but no sites or collectors. Ran into trouble as most of the coast is covered by King ranch.

Then went to Sorita. Less luck. Kennedy ranch is along the coast. Mr. Kennedy, a Fascist despot, informed me that there were no sites on his ranch. Talked for 3 hours. What can one do in the face of this??

Returned to Brownsville.

February 28 - Went to Kingsville. Went to Museum at Texas A and I. They were very nice but they have damn few specimens and these are not numbered.

Then attempted to trace down a collection of John . Ended up at a boy's C tholic School in Corpus Christie. The good fathers I'm afraid have lost labels, etc. It is in a mess(the collections, i.e.). One pot, with location given, is in an interesting shape.

Returned to Kingsville and met J. O. Chandler. Good collector with a lot of stuff from Baffin bay. Will examine this more thoroughly tomorrow.

February 25 - Car not ready. Figured out financial report and added up receipts. Had $1756 accounted for; $80 in cash, and $20[illegible] in the safe. I have spent $1400 of my own money that I have not kept receipts on.

Wrote to Krieger, Family, etc. Our Possible pottery report from Kaplan.

February 26 - Car ready. It really sounds good. Got supplies for next trip out. Went with Champion to 3 sites out on the Dade Dixie road. Got a few specimens. Two sites similar to the old Cayo culture of Andersen. Burials at both.

The third site was the burial of a modern negro, probably from the Civil War.

Jim talked to Lang and Louis Lollum and arranged trip on March 3rd to Anderson's site in Venice. Then two were Anderson's guides into the Rio Grande delta region for 2$ years.

Decided to try to see sites between Corpus Christi and Brownsville, to see how far Mexican influences extended into Cameron county. Also, in this way I could profitably wait for Collums. Further, Glen Davis of Austin had recommended [illegible] who might know of stuff in this region.

Jane and I both sick. Went to the doctor about the dysentery we have.

February 27 - Drove to Raymondville. Much palaine but no sites or collectors. Ran into trouble as most of the coast is covered by King ranch.

Then went to Sarita. Less luck. Kennedy ranch is along the coast. Mr. Kennedy, a fascist deeper, informed me that there were no sites on his ranch. Talked for 3 hours. What can one do in the face of this??

Returned to Brownsville.

February 28 - Went to Harlingen. Went to museum at Texas A and I. They were very nice but they have down few specimens and there are not many.

Then attempted to trace down a collection at John [illegible] ended up at a boy's (Polk) house in Corpus Christi. The good fathers I'm afraid have lost Davis, etc. It is in a mess(the collections, i.e.). One pot, with location given, is in an interesting shape.

Returned to Harlingen and met G. O. Chandler. Used collector with a lot of stuff from Hardin boy. Will examine this more thoroughly tomorrow.

March 1 - Went with young J. V. Chandler to Baffin Bay to their beach house. On the east side of the bay just west of their house I found one site and on the bay, just to the
2 sites east on the west side about 3 miles from his house found another. Much of the pottery is asphalt painted stuff, but two pieces are engraved. Returned to Brownsville.

March 2 - Looked for one of Anderson's sites next to Boca Chica. No luck.

Then went across the border. Got a new visa. A courtesy visa good for 120 days. It took me 4 hours to obtain it.

Got in touch with Louis ~~M~~LaLlum . We leave tomorrow to see Anderson's sites.

Drove to Washington beach on the Mexican side asking about sites - no luck.

March 3

Went to one of Anderson's old sites. This one was a hill on the east side of a lake just west of the Rancho Toma
Tm^c50 Traversia. Found a few things. It was at this site that Anderson found one of his whole pots. At least we know the association now.

Tm^c51 This site was half way between Marahultos and Las Flores.

Tm^c52 Longue Salado.

March 4 - Drove from Matamoras to San Fernando. Had a blowout. Asked about sites at ranch along highway. No luck.

March 5 - Drove from San Fernando to Rancho Teson. The day was uneventful except that I broke the battery box and spent four hours getting the car out of the mud just west of Rancho Santa Fe. Did not get to Los Adjuntos.

March 6 - Tm^c49 is situated directly north across the plain from Ranch Leson and is located just east of the first point
Tm^c49 on the opposite side. Went to the side. Found 3 gorgets and parts of 1 flexed skeleton. It appears to have been a burial site, and not a camp site.

Later in the day returned to Rancho Lidios. The people were very helpful and took me to the ferry across to
Tm^c53 and half way between the ferry and Tm^c48 found a large site. This site, according to the river bank strata, is stratagraphically under Tm^c48.

Tomorrow for Co sal. Incidentally, had to change two tires and fixed the battery box with an iron fence post and Scotch ingenuity.

Camp 1 - Went with Young J. V. Chandler to Refilin Bay to visit
seven Indians. On the east side of the bay just west of
their house I found one site and on the bay just to the
2 sites east on the west side about 3 miles from his house found
another. Much of the pottery is asphalt painted stuff,
but two pieces are engraved. Returned to Tennyville.

Camp 2 - Looked for one of Anderson's sites west to Coos
Creek. No luck.

Then went across the border. Got a new visa. A courtesy
visa good for 180 days. It took me 4 hours to obtain it.

Out in town with Louis Emelium . He lives tomorrow to
see Anderson's sites.

Drove to Manitgten beach on the Eastern side saving about
miles - no luck.

Camp 3

Went to one of Anderson's old sites. This one was a hill
on the east side of a late just west of the Ranchu Tome
$Tm^{o}30$ Traversia. Found a few things. It was at this site that
Anderson got one of his whole pots. At least we know the
association now.

$Tm^{o}31$ This site was half way between Maranhao and Los Flores.

$Tm^{o}32$ Corpse Point.

Camp 4 - Drove from Maranhao to San Fernando. Had a blowout.
Rated about miles at rench along highway. No luck.

Camp 5 - Drove from San Fernando to Rancho Tesan. The day
was uneventful except that I broke the battery box and spent
four hours getting the car out of the mud just west of
Rancho Santa Fe. Did not get to Los Adjuntas.

Camp 6 - $Tm^{o}40$ is situated directly north across the plain
from Rancho Tesan and is located just east of the first point
$Tm^{o}40$ on the opposite side. Went to the ridge. Found a corpses
and parts of 1 flexed skeleton. It appears to have been
a burial site, and not a camp site.

Later in the day returned to Rancho Ladies. The people were
very helpful and took me to the ferry across to
$Tm^{o}38$ and half way between the ferry and $Tm^{o}38$ found a large site.
This site, according to the river bank strata, is stratu-
graphically under $Tm^{o}40$.

Tomorrow for to sail. Incidentally, had to change two tires
and fixed the battery box with an iron fence post and tested
insanity.

March 7 - Drove from Las to Camisal. Walked in mud to island(1 mile) and then walked completely around the island.

Tm^m54 On the southern tip I found the remains of numerous burials. Took 1 piece of skull and two sherds as evidence.

Tm^c55 On the northeast section of the island along a shell reef I found a great deal of pottery, mostly modern. Mingled with it, however, was old pottery and flint chips.

Tm^c56 On the northern tip of the island in the top strata I found three or four projectile points which indicated a camp site.

Dense vegetation stopped further exploration. However, Tm^c56 was interesting only in the fact that half way down the west side of the island at the base of the highest bank was found a strata of shell and projectile points. This
Tm^c57 site or camp(Tm^c57) is stratigraphically older than Tm^c56. This is not as well indicated as it was in the case of Tm^c53 and Tm^c48 as the strata here is broken by erosion in place, but the soil type in the strata and the depth tend to substantiate the sequence.

After lunch we started back and at the beginning of the first line of trees inland from the mouth of the San Fernando River we drove southward 2 miles to the first hill-island-like structure. On the northeast side of it we found a
Tm^c58 site. Rather an extensive camp as well as a flexed burial, poorly preserved.

Then we started home and a tragedy occurred. Blew out one tire. Fixed it and immediately had a flat. Fixed IT and the first tire blew out again. Down to the last three tire patches. When we arrived at La Sidias we had a slow leak so I repaired it. The Coleman lamp wouldn't work as a part of it was broken, so by the light of a candle I repaired the tire and incidentally broke my glasses. The end of a perfect day. Have no tire patches left. Also, lost my best tire tool.

March 8 - Drove from Los Sidion to La Puerta. Arrived at La Puerta after getting stuck in the mud twice and completely blowing out one tire. Luckily I procured a tire patch from a fish truck but we are without a spare.

At La Puerta I was taken to La Puerta Rancho Viejo where
Tm^c59 I found some flint chips and two projectile points.

The rest of the population between here and Santa Teresa were of no help. Asked at every ranch.

From Sta. Teresa to Matamoros I had one more flat and the rear spring became disengaged. Crossed the bridge with a large bunion on the front tire - ready to blow out at any moment. One spring bad, no glasses and no spare. Five miles further on bad dirt road and the expedition would have returned to Chicago.

Week Y - Drove from Las [illegible] to Comfasal. Sailed in and to island(1 mile) and then walked completely around the island.

$Tm^{o}64$ On the southern tip I found the remains of numerous burials. Took 3 pieces of skull and two sherds as evidence.

$Tm^{o}65$ On the northeast section of the island alone a shaft root I found a great deal of pottery, mostly modern. Stocked with it, however, was old pottery and flint chips.

$Tm^{o}66$ On the northern tip of the island in the ten strata I found three or four projectile points which indicated a camp site.

$Tm^{o}56$ was interesting only in the fact that half way down the west side of the island at the base of the highest bank was found a strata of shell and projectile points. This site or camp($Tm^{o}67$) is stratigraphically older than $Tm^{o}56$. This is not as well indicated as it was in the case of $Tm^{o}62$ and $Tm^{o}63$ as the strata here is broken by erosion in place, but the soil type in the strata and the depth tend to substantiate the sequence.

$Tm^{o}68$ After lunch we started back and at the beginning of the first line of trees inland from the mouth of the Rio Fernando River we drove southwest 3 miles to the first hill-island-like structure. On the northeast side of it we found a site. Rather an extensive camp as well as a flexed burial, nearly preserved.

Then we started home and a tragedy occurred. Blew out one tire. Fixed it and immediately had a flat. Fixed it and the first tire blew out again. Down to the last three tire patches. When we arrived at La Sidina we had a slow leak so I repaired it. The Cayman Camp wouldn't work as a part of it was broken, so by the light of a candle I repaired the tire and incidentally broke my glasses. The end of a perfect day. Have no tire patches left. Also, lost my best tire tool.

Week Z - Drove from Las Sidina to La Puerta. Arrived at La Puerta after getting stuck in the mud twice and completely blowing out one tire. Luckily I procured a tire patch from a fish truck but we are without a spare.

$Tm^{o}69$ At La Puerta I was taken to La Puerta Rancho Vieja where I found some flint chips and two projectile points.

The rest of the consultation between Pete and Batata Torres was of no help. Rained at every rancho.

From Ota. Teresa to Matamoros I had one wore flat and the rear spring became disengaged. Secured the trickle with a large burlap on the front tire - ready to blow out at any moment. One spring fed, no glasses and no spare. Five miles further on had dirt road and the excitation would have returned to Chicago.

March 9 - Got car repaired and bought supplies. Totals for the week are:

1 - battery box broken
1 - spring broken
1 - pair of glasses broken
1 - Coleman lamp defunct
2 - blowouts (3 tires no good)
9 - instances of repairing tubes and changing tires.
4 - times stuck in the mud (total hours in mud - 13)
10 sites found
2 nervous systems shot to hell.

However, Dr. Cole says that if we are careful the car will be alright in this country!

March 10 - Tried to go to Laguna Bo with Krieger. Spent 7 hours trying to find the place, no luck. Country wet.

March 11 - Rain and wind. No use starting. Wrote letters. Fixed notes and maps for La Pesca dig and bought supplies. Also, paid income tax.

March 12 - Drove from Matamoras to Langue Salado - via the following route. Customs house on San Fernando road to Caracoal, to Loma Granerso , to Unaquitas, Palo Blano to Lasque Salado. Interviewed people at all ranches, but found no sites.

At Lanque Salado found that a new born baby (nine days old) was dying. Fed her evaporated milk and tomorrow June will drive family and baby to Matamoras to a doctor.

March 13 - Spent the day on horseback. First of all I found stuff at the ranch of Juan Gonzalez which is about 2 kilo south of Lanque. The stuff was in the trees just south of the house. Tm^{c}60

Then went out to the dunes on the beach where sherds had been seen. However, wind had blown sand over the dunes and could find nothing.

Then circled the beach from the sea and about 100 yards west of the road to Auora, 4 kilo N.W. of Lanque Salado found a site and also the remains of fireplaces. Tm^{c}61

About ½ mile west of that and directly N of Laguna Colorado we found another site. It is a small circular hill surrounded by low, damp grounds. One burial was seen, 2 firenlaces, 3 sherds, shell artifacts, etc. No flint. Tm^{c}62

Spent three more hours on horse and returned sore in the saddle.

Week 9 - Got car repaired and bought supplies. Totals for
the week are: 1 - battery box broken
1 - spring broken
1 - pair of glasses broken
1 - Guinean Jeep defunct
2 - flonouts (3 tires no good)
2 - instances of repairing tubed tire changing
tires.
4 - times stuck in the mud (total hours in
mud - 18)
10 sites found
2 nervous systems clad to hell.

However, Dr. Cole says that if we are careful the cat will
be alright in this country!

Week 10 - Tried to go to Laguna de Petenxil. Spent 4
hours trying to find the place, no luck. Country wet.

Week 11 - Rain and mud. No use starting. Wrote letters.
Filed notes and maps for 19 trees dig and found supplies.
Pres. paid income tax.

Week 12 - Move from Retalhuleu to Lagune Calado - via the following
route. Guatemala house on San Fernando road to Carmencal, to
Cuma Grandeza , to Tecpultan, fair Plano to Laguna Calado.
Interviewed people at all ranches, but found no sites.

At Laguna Calado found that a new born baby (nine days old)
was dying. Had two evaporated milk and tomorrow sure will
drive family and baby to Retalhuleu to a doctor.

Week 13 - Spent the day on horseback. First of all I found
stuff at the ranch of Juan Gonzalez which is about 3 mile
south of Laguna. The stuff was in the tiendo just south of
the house.

Then went out to the dunes on the beach where sherds had
been seen. However, wind had blown sand over the whole
and could find nothing.

Then started the hunt from the car and about 100 yards
west of the road to Ayers, 4 mile N.W. of Laguna Calado
found a site and also the remains of fireplace.

About ½ mile west of that and directly N of Laguna Calado
by lot, deep ground. One burial was seen, 2 fireplaces,
3 sherds, shell artifacts, etc. No flint.

Spent three more hours on horse and returned home in the middle.

March 14 - Back in the saddle again. Started out today N.E.
Tm^c63 of Lanque Salado. Followed out Resuca Chapatita and found a site just east of Laguna Lechoquias on the ocean.

Then switched eastward to Resaca La Bonito, followed it along for about 3 miles. Shells(sea) were to be intermittently seen along it. However, it was not until we were
Tm^c64 just south of Laguna La Toba that we encountered a flexed or bundle burial. In the near vicinity were artifacts and burned clay.

Then went just across the plain to an old ranch called Rosario. It was full of potsherds, glass, beads, etc. No site.

From here went out to the sea at Punta Bovril looking for one of Anderson's old sites - no success.

On the way home at a point called Puerto de los Mujers, I examined the area of a tip of the hill on the west side of the Puerto(east part of the hill). Here I found two flexed
Tm^c65 children's burials. Had no camera, therefore no pictures. Also found the strewn remains of another burial. There were other artifacts there also. This is the only site that I believe might produce anything by digging and even with digging probably damn little.

Then returned to ranch and found June and the car. Evidently the trip to the doctor saved the life of the kid. Waiting at the ranch were a couple of men. For the first time I encountered part of the unfortunate tradition started by Anderson. They had a mess of stuff they had picked up and wanted money for it. I then told them that I would pay for it only if I saw the place it came from. Therefore we went to the Rancho Rube and from there on foot to the arroyo
Tm^c66 1 kilo to the west of the houses. There I did manage to find some shell beads (or buttons?). However, there still is some doubt in my mind whether all came from along this and only one part - or if there might be some stratigraphy. I then paid 3 pesos for the artifacts. I only hope Anderson has not spread this tradition too widely in this territory.

During these two days Antonio Lorenzo Junion was my guide.

March 15 - This was the day in the sand. For all future archaeologists let me warn them to stay out in their cars. It is bad business. With Antonio Lorenzo Senior as my guide we started off. First we got stuck getting on to the beach. 1½ hours getting out. Then up along the beach, dodging the surf, the soft spots and the areas of shell to Portales. Left the car and went and looked for one of Anderson's best sites. Few signs of it. Also, 2 miles of walking in sand dunes and then mud is tough. Then down the beach to Boca San Jose to the mouth of the El Tigre River for another of

March 14 - Back in this wedge again. Started out today T.L.
Tm°63 of League Field. Followed our former footprints and found
a site just west of Lagoon Headquarters on the ocean.

Then switched westward to Lagoon-to-Pointe, followed it along for about 3 miles. Shell(ers) were to be intermittently seen along it. However, it was not until we were just south of Lagoon in bush that we encountered a fixed or humble burial. In the near vicinity were artifacts and burned clay.
Tm°64

Glen went just across the plain to an old track called Lagarto. It was full of potsherds, glass, beads, etc. No site.

Then here went out to the sea at Punta Laval finding for use of Lagoon's old sites - no success.

On the very knee at a point called Punta de los Mejores. I examined the area of a rim of the hill on the west side of the Punta(east part of the hill). Page 4 found two flexed
Tm°65 skeletons' burials. Had no corers, therefore no pictures. Also found the strewn remains of another burial. There were other artifacts there also. This is the only site that I believe might produce anything by digging and even with digging probably does little.

Glen returned to ranch and found dona and the sun. Indebtedly the help to the doctor saved the life of the kid. Waiting at the ranch were a couple of men. For the first time I encountered part of the Carrizuela tradition started by Anderson. They had a pair of stuff they had picked up and wanted money for it. I then told them that I would pay for it only if I saw the place it came from. Therefore we went to the Arroyo Tuna and from there on foot to the arroyo
Tm°66 I rode to the west of the houses. There I did manage to find some small beads (or buttons?). However, there still is some doubt in my mind whether all came from along this end only one part - or if those right in some stratigraphy. I then paid 3 pesos for the artifacts. I only hope Anderson has not missed his tradition too widely in this territory.

During these two days Antonio Lorenzo Junion was my guide.

March 15 - This was the day in the sand. For all future archeologists let me warn them to stay out in their cars. It is sad business. With Antonio Lorenzo Junior as my guide we started off. First we got stuck getting on to the beach. 15 more getting out. Then up along the beach, dodging the surf, the soft spots and the grave of skull to Portafino. Left the car and went and looked for one of Anderson's last sites. Few signs of it. Also, 6 miles of walking in sand dunes and then and it rough. Then down the beach to Los Cazo to the mouth of the El Viejo River for another of

Anderson's sites. Absolutely no sign of it. Then decided to come home through Refugio and Anneahutos. However, after watching a fish truck get stuck decided it was worse than at Lanque Salado. Asked one of the local boys from Refugio about sites. He knew of none. Antonio confided (with glee) that Anderson had found none here.

Then back to Lanque Salado. At the beach we got stuck. Had to walk 3 miles to Lanque Salado for mules and by nine P.M. arrived at the Lanque Salado Ranch. 13 hours work, no sites, plenty of sand.

March 16 - Antonio and I made a tour of the Rancho north of Lanque Salado which was evidently in the Anderson tradition.
Tm^c67 At La Ravia we were given material which supposedly came from a Resaca, half way between the ranch and Loma Pasario.

Continued our survey on up to Rancho San Pedro where we had lunch and then to one other ranch 5 kilos to the north and then we returned to Lanque Salado.

On the way to Matamoros a horseman at Rancho San Jose flagged up and had materials he said came from nearby Resaca
Tm^c68 and also pottery from Rosario. He wanted to sell these things. I bought them and left - disgusted with Anderson's methods.

Arrived in Brownsville at 7 P.M.

March 17 - Wrote notes, did maps of La Pesca dig. Wrote letters. Had pleasant letter from Ekholm.

March 18 - Brought car across bridge to have the lock and speedometer fixed. Also, bought food. Talked over local ethnology with A.A.Champion. Wrote more letters and shipped off receipts.

March 19 - Took off to San Fernando. Inquired about Pedro de la Gorza. Then on to Victoria and gave letter to Constantio Salinas for Pedro Lerme at Los Angles. Also, talked to a young tourist about going with me to explore the Sierra de Tamaulipas. In fact I talked with him over a bottle of rum until 4 a.m. Politically very compatable for the trip.

March 20 - Went from Victoria to San Fernando, bought gas and then went on to Loreto. Had very agreeable evening talking with the de la Gorza brothers, but they know of no sites.

March 21 - First went to Morales and found an old man who knew all about habitations of Indians. Went out 1 kilo on road to Buenavista and looked at one cave - nothing in it. I then looked over the other habitations(?) and went to Rancho

Anderson's sites. Hopefully no sign of it. Then decided to come home through Murgia and Innsbruck. However, after washing a lift truck yet stuck dreided it was worse than at Isenge Palads. Asked one of the local boys from Rettwich about sites, He knew of none. Antonio confirmed (with glee) that Anderson had found none here.

Then back to Isenge Palads. At the beach we met stuck. Had to walk 3 miles to Isenge Palads for mules and by mine P.M. arrived at the Isenge Palads Hotel. 17 hours work, no sites, plenty of mud.

March 16 - Antonio and I made a tour of the Isenio north of Isenge Palads which was evidently in the Anderson tradition. Th°87 At La Revia we were given material which supposedly came from a cassee, half way between the ranch and Isenge Pesario.

Continued our survey on up to Isenio (an Indro where we had lunch and then to one other ranch 5 miles to the north and then we returned to Isenge Palads.

On the way to Metamorfes a horseman at Isenio Gan Jose flagged up and had material he said came from nearby Fasaco Th°88 and also pottery from Bosarta. He wanted to sell three pieces. I bought them and left - disgusted with Anderson's methods.

Arrived in Brownsville at 7 P.M.

March 17 - Wrote notes, did mail of La Casa Alg. Wrote letters. Had pleasant letter from Wilson.

March 18 - Drought cat across bridge to have the look and speedometer fixed. Alas, bought food. Talked over local ethnology with A.A.Champion. Wrote more letters and slipped off receipts.

March 19 - Took off to Isen Fernando. Inquired about Indro de la Casa. Then on to Victoria and gave letter to Constantio Delfinas for Indro Imros at Los Angles. Alas, talked to a young tourist about going with me to explore the Sierra de Imeruipas. In fact I talked with him - over a bottle of rum until 4 a.m. Politically very comparable for the trip.

March 20 - Went from Victoria to San Fernando, bought gas and then went on to Laredo. Had very pleasant evening talking with the de la Zaras brothers, but they know of no sites.

March 21 - First went to Mexico and found an old man who knew all about Inflations of Indians. Went out 3 kilo on road to Monterrista and looked at one cave - nothing in it. I then looked over the other Habitations(?) and went to Isenio

San Jose. There I talked to all the cowboys and went down to the Laguna Madre. They knew of no sites around there but suggested I try St. Rosa, a hill just south of Nagazes and Rancho Pottros (4 kilos from St. Teresa).

Then back to Lareto and to La Florida. Received a lot of useless information there about the indians but no knowledge of sites. All inhabitants here are new in the region.

Spent the night at Rancho Caton.

March 22 - Received information about a site on an island near the fish camp at Caton. Wind too strong today - will go there tomorrow.

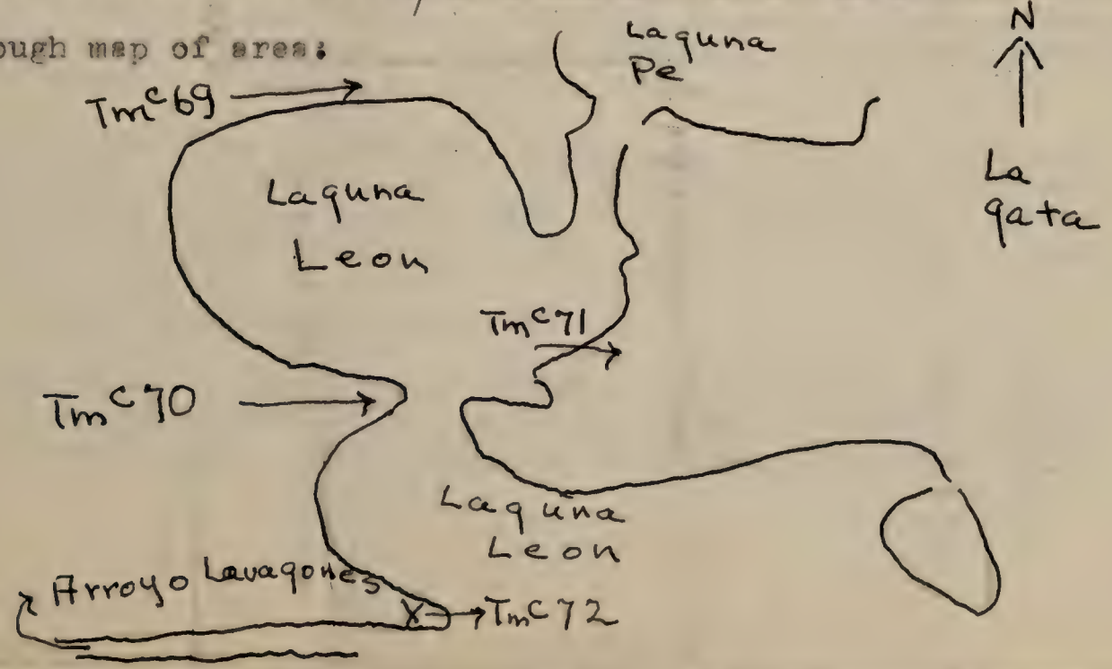
Then went to Lavaderos. Found an excellent guide - Roberto Vela. Went out on a cow trail to Laguna Madre to a bay
$Tm^{C}69$ called Laguna Leon. On the north side of the highest hill found a good site with little or no pottery, although our guide says that before the hurricane there was a lot.

Then circled the lake to a point coming in from the west
$Tm^{C}70$ which almost bisects the lake. Found another good site. It was eroding from a high bank.

Then waded across the channel separating the north Leon Lake from the south Leon Laguna to a peninsula which jutted in from the east. This place is called La Punta. Just north of La Punta I found another point on which was a large site,
$Tm^{C}71$ an extended burial(?), and many sherds. The occupation was indicated by a 4 inch layer of shell found about 2 feet below the present surface. If this site was not so inaccessable and labor more plentiful I would dig it.

Then went along the south side of Leon Laguna to the point where the Arroyo Lavagones enters it. On the north side
$Tm^{C}72$ of the arroyo was another camp site with much pottery(before the hurricane there was more). Took a photograph of it.

Rough map of area:



Then returned to Caton. The next ranch is La Barra and I visited it.

March 23 - Went out with the fishermen to see a site. I walked 8 kilos to the site, 2 kilos of which was in water to my waist. Found site $Tm^{c}73$ and down the beach from it $Tm^{c}74$. $Tm^{c}73$ Both are good Huasteca camps and should be dug. The giving of exact directions(location?) is impossible, so I hope $Tm^{c}74$ the following map will suffice:—

Then returned to Maguazes to look for a reported site and couldn't find it. Went to Lanque Salado and Santa Rosa.

Tm^c75 Just east of Santa Rosa on the bluffs overlooking the arroyo on the north bank I found an extensive site.

Then attempted to get closer to the coast and Corrigo, but the road was too bad.

Back to San Fernando for the night.

March 24 - From San Fernando to Saint Teresa. Talked about sites in Saint Teresa. Received no information.

Then out to Rancho La Postras. On the bay just north and
Tm^c76 east of the house on the Ranch found an extensive area of burned clay but few artifacts.

Then further on to the club house which was situated on the bay called Recondia de Positras. Found here the re-
Tm^c77 mains of burials, and a few sherds. I was also informed that Anderson had visited this site - probably for .

March 25 - To Brownsville to look for the letter with my money.

March 26 - No letter, no money.

March 27 - No letter, no money. June left for Chicago so no wife.

March 28 - No letter, no money. Finally, after the last mail I leave for Tampico.

March 29 - Got Roberto Pavón ready and then to Victoria.

March 30 - Looked for a ride to Los Angles - no luck.

March 31 - Finally got a ride for 60 pesos. Drove to Cosas for the night.

April 1 - Got to Los Angles - tomorrow to work. What a ride - in a 1932 Ford coupe. Planned campaign with Pedro, Roberto and Jose. It ought to be all right.

April 2 - Left Los Angles for Las Tanques which is inbetween De Conde and Cosquella. On this ridge I found a number of
Tm^c78 ruins including a round house with entrances and 3 other rounded houses with steps leading up. Also found a caracol.

See next page for a rough map.

Before lunch time, since Roberto and I had not seen the surface pottery we cleaned off the leaves from one house. On its surface found a fair amoung of pottery. This feature is

March 23 - Got to Loma Linda - tomorrow to work. Met a pals - in a long ford coupe. Planned operation with Pedro, Ramirez and Ruiz. It ought to be all right.

March 24 - Left Los Angles for Las Vegas which is between Los Conde and Caramilla. On this night I found a number of ruins including a round house with entrances and 3 other round houses with stone leading to. Also found a corral.

The next page for a rough map.

After lunch time, since Ramirez and I had not seen the pottery we cleaned off the layers from one house. On its surface found a fair amount of pottery. This feature is

[illegible]

[illegible]

[illegible]

$Tm^{c}78$ house 1 — $Tm^{c}78$ - house 1. Then later, with all the crew I went to house 2 and since it was clear of trees on top I dug it in order to solve the problem as to whether these structures were houses with stone walls or platforms with the houses built on top. The latter turned out to ~~xk~~ be the proper solution. On the following page are drawings. Also, I took 2 photographs. house 2

April 3 - Returned to house 1 in the morning since it had stairs (2 steps on the side) decided to dig it to see if there were 2 floors. We sunk a 10 foot square, 1 foot at the top - then continued down 3 feet in 2 five foot squares. The bottom 2½ feet were only rocks. There was no other floor. I took 3 photographs of this - the light was bad. house 1

I did, however, clean off the steps of this house. There is no doubt that these round structures are platforms. The material from the 2 houses looks the same, but in some respects differs from Pueblito materials.

In the afternoon spent 6 hours walking and looking for Mission de Las Indias. Did not find it. 10 miles walking in rough country and no luck. However, I did manage to fall down on one of the cliffs and cracked my glasses. I greatly suspect that my guide Pedro, more than getting lost(as he said he had) just plain didn't care to walk further.

April 4 - Today I went to the Cuidad on the hill just north of Canyon de Salto. The directions are as follows:

$Tm^{r}79$ Here we found a large ruin - $Tm^{r}79$ - after 4 hours of hard walking. Then we dug 2 five foot squares, 3 levels down. See the following map of the region:

with the preservation of this house I believe that we have found that these platforms were for habitation and not temples. Flint, pottery, parts of metates and manos, metate and dark were found in it. The superstructure was composed of wood as evidenced by charcoal. Around the walls was wattle and daub. Further, it is very likely that the top level of the excavation of this house was features of its inhabitants, while levels 2 and 3 - which consisted of refuse and chunks of caliche - was filler taken from the surrounding region and used to build up the center to the height of the walls.

Top of section mentioned on previous page:

Here deposits went down 2 feet though only the top 1 foot produced much pre [illegible] quite different from Tm:Y8. Tm:Y9 is as large, or larger than Tumbiito. Incidently, at noon we killed a coral snake 2½ feet long.

When back 10 kilos (Indre says 8 kilos) to camp. In Canyon Coaquilla there were 4 houses and a watery well on fertilization well. Hiked up a few alcoves - not very important, but the square [illegible] well and smaller round house pertinent reconstruction.

April 8 - Returned to Los Angles, bathed and got rid of insects.

April 9 - Mailed pottery from Tm:Y8 - both houses. Prepared for the trip to Canyon Diablo.

April 9 - Mailed from Los Angles to Canyon Diablo two money for horses). Made camp about 2 kilo north of the Angles. airport entering [illegible] traffic from the direction of Los Angles. This should be pointed directly below Burbitte. We then went northward(?) in the Canyon Diablo to a cave, a rock shelter. A group of 3-4 pueblos like about 4 [illegible] Tm:B1 long were painted on the walls in red paint. Indian ruins with dates 1040 and 1087 may also be seen on the wall. The

floor was covered with small rocks and numerous flint chips. It was then decided to test it for depth with a 4 foot square hole. It proved very interesting. In the future this cave should be dug. A photograph of the cave was also taken. The 4 foot hole ~~xhixk~~ was stopped at a depth of 2 feet ~~x~~ to prevent injury to the deposits as our work was necessarily hurried. The stratigraphy was the following: the top 3 inches had flint chips and part of two projectile points; next was a layer of ash two inches thick. The next 6 inches was composed of red(possibly ~~xxx~~ burned) earth containing projectile points of a different type(i.e. different at this layer from those found at the upper level). The next foot had refuse and many large rocks of the same type of materials as in the 6 inches above. At the bottom of this was a charcoal floor. Left it for future investigators.

On returning to camp found that a tiger had stalked up and also shot a deer. Water situation bad. Walked about 33 kilo today. Travel in arroyo bottoms very hard on the feet.

For location of cave and sketch of it see the map on the following page. (now in back of book).

Catelogue Tm^c81

Tm^c81	-	surface
Tm^c81-1	-	top 3 inches above the ash layer
-2	-	ash layer, 1 inch
-3	-	6 inch level
-4	-	1 foot level

April 8 - This morning went southward down the Diablo. On the opposite side of the arroyo from the place where the road for Pueblito leaves the Canyon we found a large flat terrace.
Tm^c82 On this terrace were found numerous sherds, flint chips and the remains of one round house. This is probably of the same culture as is Pueblito and may represent the house of an (early) farmer and his field.

Directly north of this field is a high cliff and another
Tm^c83 shelter. This contained numerous flint chips, some points also and it has a small surface of dirt and refuse. Might be worth further investigation. Had been visited by the explorers club of Victoria.

Then went 4 kilo down the Canyon Diablo to another cave.
Tm^c84 The depth of deposits here was very small though flint was quite common. There were wall paintings which I photographed. Marked No. 1 by Explorer's Club of Victoria.

Then continued down the Canyon Diablo to another cave. It, too,
Tm^c85 had wall paintings. Incidentally, I photographed one wall painting of a man on a horse. Found a few flint chips here. Probably represents cave of Positas(as does stuff in the top of Cave 81. This is marked Cave #3 by Explorer's Club of Victoria. Here there was also a wall painting of a man with a bow and arrow.

floor was covered with small rocks and numerous flint chips.
It was then decided to test it for depth with a 4 foot square
hole. It proved very interesting. In the future this cave
should be dug. A photograph of the cave was also taken.
The 4 foot hole which was stopped at a depth of 3 feet x
to prevent injury to the deposits as our work was necessarily
hurried. The stratigraphy was the following: the top 3 inches
had flint chips and part of two projectile points; next was
a layer of ash two inches thick. The next 3 inches was
composed of red(possibly burned) earth containing pro-
bably points of a different type(?). Different at this layer
from those found at the upper level). The next foot had
refuse and many large rocks of the same type of materials as
in the 6 inches above. At the bottom of this was a
charcoal floor. Left it for future investigations.

On returning to camp found that a tiger had attacked up and
also shot a deer. Water situation bad. Hiked about 5-6
mile today. Travel in arroyo bottoms very hard on the feet.

For location of cave and sketch of it see the map on the
following page. (now in back of book).

Tm^{C}91 - surface
Tm^{C}91-1 - top 3 inches above the ash layer
-2 - ash layer, 1 inch
-3 - 6 inch level
-4 - 1 foot level

Tm^{C}92 Layer 2 - This morning went southward down the [illegible]. On the opposite side of the arroyo from the place where the mesa for Pueblito Leaves the Canyon we found a large flat terrace. On this terrace were found numerous sherds, flint chips and the remains of one round house. This is probably of the same culture as is found now near Pajarito and the Rio [illegible] Puerco and this field.

Tm^{C}93 Interesting both of this field in a high cliff and another shelter. This contained numerous flint chips, some points also and it has a small sanctuary of sticks and refuse. Might be worth further investigation. Had been visited by the [illegible] Survey also of course.

Tm^{C}94 Then went 4 kilo down the Canyon Diablo to another cave. The depth of deposits here was very small though flint was quite common. There were well paintings which I photographed. Entered No. 1 by Lumholtz's Club of Victoria.

Tm^{C}95 Then continued down the Canyon Diablo to another cave. It, too, had well paintings. Incidentally, I photographed one well painting of a man on a horse. Found a few flint chips here. Probably represents cave of Pueblo(s) that built in the 100 of Cave 91. This is marked Cave 95 by Lumholtz's Club of Victoria. Many finds was also a well painting of a man with a bow and arrow.

Returned to camp and went to the field across the Canyon from the camp. Walked all over it - no luck.

While cooking dinner my glasses cracked. Water situation is bad. Feet hurt.

April 9 - Went from Diablo to Pueblito. Surface collected most of the day and made a map of the site. Water very low.

Fortunately for the mapping much of the site has had the grass burned off. Of course one gets asblack as the ace of spades. Late that night Jose arrived with more supplies. Unfortunately he only half read Pedro's note about food - therefore our supplies in the future will be low.

Pueblito/

The pottery of Pueblito is in many ways different from that previously found and the finding of numerous mold-made figurines bears this out.

April 10 - Started out in the morning for the ruins names Norasjitas. This site is supposedly north of Pueblito. Unfortunately Pedro got lost. 5 hours walking, no site - strike 2 for Pedro.

Later came back and put three more test pits into Pueblito. It is now possible to see 9 test pits in this site. At no point is the refuse deeper than 1½ feet and in most places it is less than 1 foot. However, in spite of this, I feel that there is a possibility of stratigraphy (possibly horizontal stratigraphy) at this site.

April 11 - Went from Pueblito to Salabones. Got my first bath of the trip. Pedro's foot is in a very bad condition. If it does not get better the trip is ended. Late at night it started to rain so didn't get too much sleep. Ended up by moving everything into a cave.

We walked this 20 kilos in about 6 hours and the last 17 kilos were in river gravel. My shoes are wearing through - tough hiking.

April 12 - Well, it rained like hell all day. Nothing to do but sit in the cave and wait. Two of Pedro's friends dropped in and they will be guides in the future. They remained all day and, of course, expected some of our precious rations of food. Washed all of the Pueblito soot off my clothes. This primitive washing is not woman's work.

April 13 - Guests still with us and when we were talking about pay Roberto decided to help me out and offered the comment that in the past besides pay for guides we gave them food. My pal???

April 12 - Well, it rained like hell all day. Nothing to do but sit in the cave and wait. Two of Pedro's Incaside promised to and they will be rajdas in the future. They promised all day and, of course, expected some of our precious rations of food. Washed all of the Pueblito dust off my clothes. This primitive washing is not woman's work.

Then up to the ruin on the top of Cerro de Guadelupe. It
Tm^{r}86 is about 4 kilo (up) from camp. The main pyramid is about 30 feet high and there is a lake just east of it. Surrounding the lake and south of the pyramid are numerous houses. Surface findings are extremely scarce. This is probably due to the alluvium covering them.

In the afternoon I noticed a cut made by a rancher for water. Excavated a small part of this cut and found sherds and floors extending to about 4½ feet in depth. I immediately staked out the area into 3 five foot squares and photographed it. Then we started digging. Got the humus off 2 squares and then it started to rain buckets full. After an hour of waiting we retreated to camp - soaking wet, cold and dirty. Arrived there about 4 o'clock. Running down 4 kilos of wet mountain is a damn dangerous sport. Obviously I skinned a ~~knee~~ when I fell.

Boy, do I miss my wife out in this lonely desolate country.

April 14 - Today the real excavation begins. I hope I have stratigraphy. The three trenches are numbered 0, 5, and 10
Tm^{c}86 from east to west. Level 1 in all trenches is humus and plowed earth. Level 2 appears to be plowed earth furrowed by the plow and also contains a small amount of refuse. This
Zone A is referred to as Zone A. About 1 foot from the surface is a concentration of sherds, burned clay - etc. This is
Floor 1 Floor 1 and appears to abound in cultural materials. Underneath this is a somewhat less large concentration of refuse culminating in a floor at about a depth of 2 feet. The area
Zone B above the floor is Zone B and the floor is Floor 2. In most
Floor 2 cases both Floor 2 and Zone B were removed together. Directly under floor 2 is a semi-sterile area which I am calling
Zone C Zone C. In square 0 is it about 1½ feet thick, while in the other squares it is bisected by another floor. The exact definition of this area will be investigated tomorrow.

All levels are 6 inch levels except when otherwise noted in the catelogue.

One difference I noted in this house is that it appears to have the masonry built on what seems to have been a small mound of dirt. This ought to be interesting to dig.

April 15 - In squares 5 and 10 another floor was noted which
Tm^{c}86 seems to connect with floor 2 along the 5 axis. This floor
Floor 3 I am calling Floor 3 and it is separated from Floor 2 in squares 5 and 10 by Zone C. Zone C does not appear in
Zone C Square 0. It was about a 1 foot strata of yellowish-brown soil with little or no cultural material in it. I rather
Zone D believe it is an alluvium. Below Zone D was another floor - 4.
Floor 4 It was not too distinct but nevertheless apparent. Materials were found, though were not numerous. Below it was a thin
Zone E layer of reddish earth separating this from floor 5. This
and floor

is Zone E. In most cases the excavation materials of both Floor 5 and Zone E materials were lumped together and are called(compare to) level 8. Below this floor was about 6 inches more of refuse. In squares 0 and 5 at level 9 we definitely encountered Basic Soil. This lowest cultural
Zone F strata, containing little or no materials, is Zone F. It is possible, however, that in Square 10 another strata may be found. I dug down a little bit into the so-called basic soil here and though I found no sherds I was not entirely satisfied with calling this basic soil for it may also be a cultural strata.

Pedro's foot is still in bad shape. Spent a lot of the day photographing the big pyramid, houses and final cross-section.

At present I believe that this ruin is somewhat older than those to the east. The houses are usually without steps; figurines are not found and I believe some of the molcajete feet are solid, cone-like feet which are longer than the types previously found.

Simon and Desiderio Hernandez, our two guides from Eslabones told me about another ruin just northwest of here (about 20 kilosmeters) called Trijones. Don't believe I'll be able to visit it.

April 16 - Today we went to Cerro Refugio. Getting to the ruin itself meant about 7 kilometers of walking, 4 of which were up hill. On the way up we saw 12 deer and 4 turkeys. Once on top we saw that the third house had two casquells - one
Tm^c88 inverted on the other set into the floor. Also, on top of the inverted casquells was the neck of an olla. Cleaned it off here and photographed them. Finally, we had just barely gotten them out when it started to rain. While excavating I thought that there probably would be a burial inside. However, there was not. The dirt inside the casquells was taken out with the greatest possible care. First it was scraped with a trowel until handfuls of dirt were loose. Then this dirt was sifted and all that was left over(in the sieve) was examined.

As was said above the excavation of the ruin was terminated by more rain. We stood under a large rock for 4 hours while it poured and blew. Finally went back to camp - soaked the dirty dishes and wet clothes. Pedro had slept all day, having neither washed or moved our things when it rained. Food extremely low.

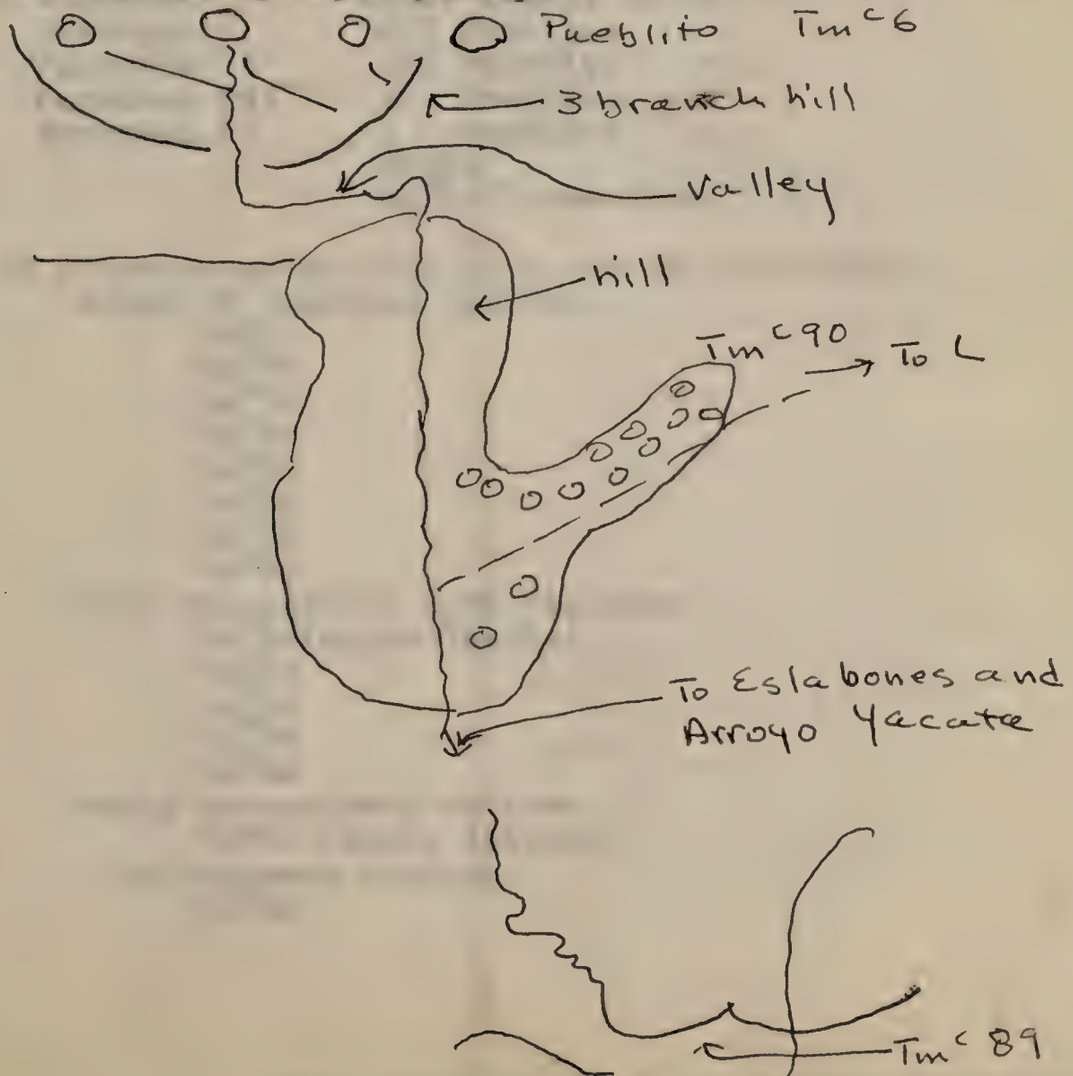
April 17 - Back to Cerro Refugio. Looked over the whole ruin, photographed it and made a sketch of the central part. Found some more sherds. Much of the top soil of this ruin has probably been washed away. One noticeable difference
Tm^c88 in this ruin is that houses on round platforms are constructed

of boulders and not slabs. Also, there are no stairs apparent. Started a couple of holes, but quit as the deposits were too shallow to warrant excavation. Projectile points here are large and triangular, similar to the non-pottery culture north of Soto la Marina. On the way down the mountain shot a deer, 200 metres, one shot - in the head. Fresh meat tonight along with honey. What a feast! Took photograph of deer and cave.

April 18 - Last night and this morning talked over the possibility of going on to La Piedra, San Jose de la Masios, and Lavadores. It is out as I don't have enough burros and probably can't buy food asthe rains have stopped the comerciantes and most important I don't believe Pedro could do it. Will try it later in my car.

After this decision started off for Los Angles. Pedro very slow. At the small grassy plain where the trail for Pueblito
Tm^c89 leaves the arroyo Ysceta I found an open site without pottery, a lot of flint chips and 2 projectile points.

Then continued on the trail to Pueblito. At the hill where
Tm^c90 the trail turns off for Tripones found another ruin. The humus is pretty well eroded off but about 12 round houses of slate can be seen. It is just north of the trail and along the route to Tripones. It is also about 4 kilos east of Pueblita. The following map may help:



For the night slept in the Canyon Diablo. Approximately 30 kilometers walking today - 20 of it in loose river gravel. Shoes worn out.

April 19 - Arrived in Los Angles about 2 P.M. Pretty tired. More rain late in the afternoon. Paid everybody. 10 kilometers walking. Bought new shoes. Orgsnized archaeological materials.

April 20 - Walked to Maguese to find out about a ride to Villa Casas. Not possible - too much cargo already. The other comerciante, Raphael, broke a part on his truck and probably won't return for a week. Therefore, spent the rest of the morning hiring burros, packers and packing archaeological and other equipment to go to Casas. Will walk the remaining 45 kilos tomorrow since the trip is over.

Decided to write my impressions about the trip at this point. The earliest materials were found in cave 81. These should be compared with some of the earliest materials in the Valley of Mexico, Arizona, Texas and New Mexico. The next oldest materials I believe come from the lower levels of Guadalupe 87 and Refugio 88. The second period in the Pueblito culture is composed of upper levels of Guadalupe, House I and II of Tm^c78 and the lower levels of Tm^c79, and probably Pueblito. Later than this is the culture of the upper levels of Tm^c81.

This is the sequence:	Upper Levels Tm^c81
Huasteca V	III Pueblito
Huasteca IV	III Pueblito
Heasteca III	II Pueblito
Huasteca II	I Pueblito
	Tm^c89
	Tm^c81 lower level

A summary of sites found on this trip are the following:

Ruins of Pueblito Culture
- Tm^c6
- Tm^c78
- Tm^c79
- Tm^c80
- Tm^c82
- Tm^c87
- Tm^c88
- Tm^c90

Late non-pottery cave dwellers
- Tm^c81 (upper levels)
- Tm^c83
- Tm^c84
- Tm^c85
- Tm^c86

Early non-pottery culture
- Tm^c81 (lower levels)

Coahuiltecan culture
- Tm^c89

The reason for my sequence and correlations of Pueblito culture are the following.

Late Period: Pueblito and Tm^{c}79 upper levels have period 4 and 5 figurines, Huasteca B/W pottery and house with stairs.

Middle Period: Lack of the above characteristics. Stratigraphically under the above.

Early Period: Dominance of Red Wares
Arms of figurines are definitely not mold-made
Molcajetes feet of the long cone variety
Flat round buttons, not buttons.

Well, just heard a truck or an aeroplane. It's a truck!

Tomorrow we leave for Villa Cases in the truck.

April 21 - Drove to Villa Casas in the truck. Drove my car to Victoria. Talked with people about getting to San Jose de la Rusios. It is impossible with the rains. Therefore, will go and dig Caton.

April 22 - Drove to Jiminez and to the Arroyo Cocheros. It is full of water - impossible to cross. Caton trip out. Turned back to Victoria, then to Monterry and Resposa.

April 23 - Arrived at Matamoros. The generator in the car broke down. Arranged for a passport for Roberto.

April 24 - Got Roberto a passport. Tomorrow will go to Austin to work up Anderson's materials. The expedition is completed.

Tm^{r}78

Cat. No.	Square	Level	House	No. Sherds
1	10R1	2 -6"	2	32
2	10R1	1 -6"	2	54
3	0R1	1 -6"	outside 2	17
4	0R1	2 -6"	outside 2	4
5	5R1	1 -6"	2	22
6	5R1	2 -6"	2	33
7	1(10')	3(1' in rocks)	1	87
8	1 (10')	2(6" in center)	1	86
9	1 (10')	1(surface and top 3" in center)	1	156
10	1(N.5')	2 (3")	1	

Tm^{r}79

1	2	3 (1foot)	1	135
2	2	2 (6 inches)	1	188
3	2	1 (6 inches)	1	
4	1	1 (6 inches)	called house 3, but is 1.	
5	1	2 (6 inches)	1	
6	1	3 (6 inches)	1	
7	1	4 (6 inches)	1	

Tm^{c}86

			Strata	Number
1	0	1	Humus	A
2	0	2	" and refuse	
3	5	1 and 2	" " "	
4	10	1 and 2	" " "	
5	0	3(top 3")	Floor 1	
6	5	3(top 3")	Floor 1	
7	10	3	Floor 1 and a little below	
8	0	3½	below Floor 1	
9	0	4	Floor 2	
10	5	3½ and 4	Zone B and Floor 2	
11	10	4	" " " " "	
12	0	5	Zone C	
13	5	5	Zone C and Floor 3	
14	10	5	" " " " "	
15	0	6	Zone D	
16				
17	10	6	Zone D and Floor 4	
18	0	7 and 8	Floor 4 and 5	
19	5	7 and 8	Floor 4 and 5	
20	10	7 and 8	Floor 4 and 5	

Dear Barney:

I close my letter and open this envelope with great foreboding. However, one thing may be said in its favor. You will probably be the only one to know what the hell I'm finding down here. Actually the expedition is going along rather well. They sorry that I have been late writing you sooner, but I have been sort of waiting to I could get the Tonto island study done and the Pueblito pottery analysis completed.

I would appreciate very much your typing ~~[illegible]~~ four (4) copies of the Tonto island study and the Pueblito pottery report (complete with all field notes). Please send me 3 copies of each ~~[illegible]~~. The field notes are not so important. Type these copies of each and send me two copies when ~~[illegible]~~ you get returned to you. Give one copy to Dr. Cole. You will be reimbursed at any price you set. I hope I am not infringing on your time too much but your effort is to be able to read my scrawling and grammar.

Well, write me shortly and tell

me what you are doing, how things are going on the land, how is your home life etc.

By the way I'm getting permission to explore some ruins just south of the Sol de Mayo site (Pueblito is one of them) and it may prove almost as interesting as the finished work on the extension of the Stone complex at Mayo.

Jane sends her regards

sincerely yours

Lotty

Tell me all about my next summer's Kwakiutl expedition

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Carro de cuatro ruedas, cargado..... 0.60

50

Carro de dos ruedas, cargado 0.50

40

Carro de cuatro ruedas, vacío 0.40

40

Carruaje ..... 0·40

30

Carro de dos ruedas, vacío 0.30

30

Cabeza de Ganado mayor 0.30

20

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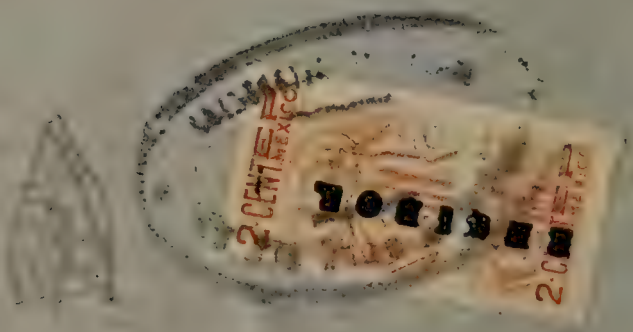

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a Sr. RICHARD S. MACNEISE Sexo HOMBRE Edad 27 años

Estado Civil SOLTERO Profesión u oficio ARQUEOLOGO

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Motivo del viaje PLACER Valores que lleva consigo DLS. 3,000

Nota:—Esta tarjeta es individual para personas de 15 años de edad en adelante y es buena para un solo viaje redondo, comprendido del día ..... de 194.. al día 2 [illegible] de 194..

Firma y Sello del Jefe de la Oficina Expedidora.

Jose Villa Arce

Firma y Sello del Jefe de la Oficina Que Autoriza la Presente.

Firma del interesado al terminar su viaje.

El suscsrito ha sido debidamente advertido de que, al obtener esta tarjeta, ha quedado expresamente incapacitado para cambiar su calidad de turista mientras se encuentre dentro de la República de México. En este sentido ha hecho declaración escrita y la ha firmado consciente de que cualquier gestión que hiciere encaminada a quitar a su viaje el carácter único de viaje de recreo implicaría falsedad de tal declaración, y por dicha falsedad se haría acreedor a las penas respectivas.

The undersigned has been duly advised that once has he obtains this card he is expressly unable to change his tourist status while he is in the Republic of Mexico. In this respect he has made a written declaration and he has signed it conscious that any step he takes leading to take from his tour its sole character of a pleasure trip will imply same declaration as a false one, and for this falsity he will be subject to an adequate punishment.

Personas menores de 15 años que acompañan al portador:

.....

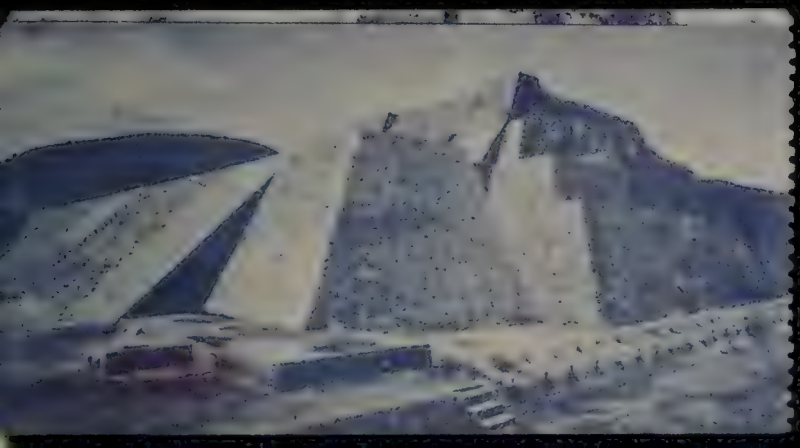
.....

.....

Richard S. Morrison

.....

Firma del interesado al iniciar su viaje.



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